Registration No. 10501

SSECURITECH

Registration No. 10501   Date_____

Company_____

Name_____

Title_____

Address_____

City_____State_____Zip_____

Telephone Number_____

Mobile Number_____

Fax Number_____

Email_____

Web Address_____

SECURITECH

YOU WANT, WE DO

Thank you for your interest in Securitech.

At Securitech, we are committed to providing you with the best products and world-class customer service to meet your forced-entry, vandal-resistance, operational and code-compliance needs. Our solution-driven products and innovative designs have proven themselves in the roughest locations.

Over twenty-five years of providing innovative solutions has created a wide-range of proven products and the foundation for new innovations. The binder is divided into two main solution sections: Electric Locking & Mechanical Locking.

To help you easily navigate within each section and efficiently locate the solution and products that you require, at the beginning of each product section you will find:

- Section Introductions, highlighting the products featured within that section.

- Function Charts, quickly allowing you to find the electronic and mechanical functions required.

- Popular Model Guides, helping you by showing what is commonly specified.

- Model Building Guides, a great source of information that we encourage you to read and use to build the exact lock that your specifications require.

At Securitech, we pride ourselves on our superior product quality and durability. We offer a unique range of solutions, designed to answer your most difficult and perplexing locking scenarios.

Behind our products stand our customer service and technical departments, ready to assure your 100% satisfaction. Building "Customized Locking Systems" is our specialty so please let us help you with those most challenging of systems. We have many more solutions, catalog cuts and customized product information. Please visit www.securitech.com (both the regular and "New Literature" sections) or contact us directly at 800-622-LOCK.
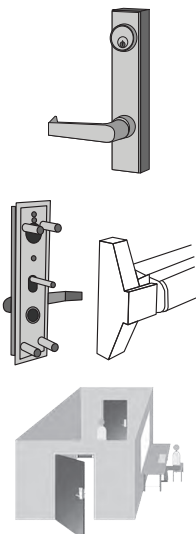
If there is anything that we can do for you, please do not hesitate to call us. We welcome the opportunity to work with you to fulfill all of your locking needs.

Mark Berger
President

toll free	800.622.LOCK	SECURITECH GROUP, INC.
local	718.392.9000	54-60 46th St., Maspeth, NY 11378
fax	718.392.8944	www.securitech.com

2-1111

SECURITECH
You Want, We Do

TABLE OF CONTENTS

SECURITECH

You Want, We Do

CONTROL TRIM

Electric Locking Without Electric Strikes, Electromagnetic Locks or Electrified Locks

GG TRIM

DESIGNED FOR ALL APPLICATIONS

Beauty, durability, and vandal resistance, the GG trim has it all. The attractive GG trim is available in most common plated finishes.

UG TRIM

VANDAL-RESISTANT

Designed to take a beating, the UG trim provides the highest level of security where aesthetics are not the primary concern. The UG trim is only available in a black powder coat finish.

*For medium to wide stile doors

GG Exterior Trim Features

Narrow design with many finish choices

Works with mortise cylinders

Cylinder held in place at two points

Independent coil lever spring prevents lever from sagging

LeverEx2™ slip clutch lever handle (see page 2)

Internal handle stop prevents rotation of lever beyond 70°

ADA compliant lever handle

Thru-bolted design

UG Exterior Trim Features

Heavy duty

Works with mortise cylinders

Hardened Steel Cylinder protector resists drilling and prying

Independent coil lever spring prevents lever from sagging

LeverEx™ slip-clutch lever handle (see page 2)

Exterior handle stop prevents rotation of lever beyond 85°

ADA compliant lever handle

Thru-bolted design

GG Interior Trim Features

Attractive architectural design

Built-in lever movement restrictor

ADA compliant lever handle

Optional request-to-exit available

UG Interior Trim Features

Security head fasteners

Patented "Quick-Switch" cylinder replacement

Built-in lever movement restrictor

ADA compliant lever handle

Optional request-to-exit available

54-60 46th Street, Maspeth NY 11378 | 800.622.LOCK | local: 718.392.9000 | fax: 718.392.8944 | www.securitech.com

Slip-Clutch Lever

The GG & UG style exterior trims include Securitech's LeverEx™ slip-clutch apparatus inside each trim exterior lever handle. If the handle is forced while in locked mode, it breaks away without unlocking the door and the lock and lever are not damaged.

Resetting the lever is easy and does not require any tools or replacement parts. If the lever is forced downward, simply pick it back up. It will "lock" back into the correct position.

GG TRIM

Securitech's GG trim uses the LeverEx2™ slip-clutch system.

The GG trim has an internal stop which prevents the lever from moving more than 70º.

UG TRIM

Securitech's UG trim uses the LeverEx™ slip-clutch system.

The handle stop at the bottom of the UG trim prevents the lever from rotating beyond 85º.
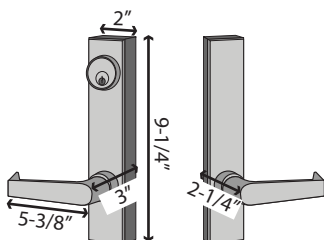
SMASH AWAY!

Use the UG trim for the toughest locations. The locked lever is designed to take a beating and not break. The UG trim can be used in place of the GG trim in most instances. To order a UG trim contact the factory.
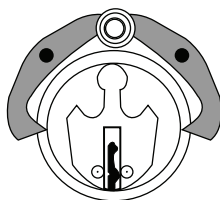
*Recommended for medium to wide stile doors.

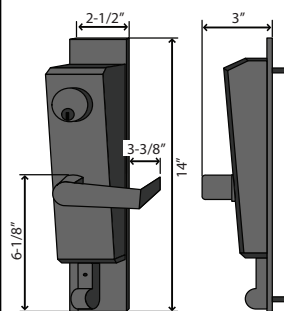### GG DIMENSIONS

2″
9-1/4″
5-3/8″
3″
2-1/4″

When required, custom mounting plates are available for use with different manufacturers' exit devices. See the LEXI section on page E2.0.

GG & UG CYLINDERS

Cylinders are held in place at two points, not one point as in ordinary locks and trim. Used on both the UG and GG trims.

UG DIMENSIONS

2-1/2″
3″
3-3/8″
14″
6-1/8″

QUICK-SWITCH CYLINDER

The inside and outside trim plates are not removed to exchange a cylinder. A special access hole, protected underneath the interior trim provides access to the cylinder locking bolt. When the bolt is loosened, the cylinder may be removed, replaced and re-installed. Other series might require removal of the interior trim to access the hole.

Trim Finishes

676	630	605	606	611	612
Powder Coated Black	Satin Stainless Steel	Bright Brass	Satin Brass	Bright Bronze	Satin Bronze

UG TRIM
Only available in Powder Coated Black (676)

GG TRIM
Comes standard in the Satin Stainless Steel (630) finish. Other options are shown here.

613	625	626	629
Oil Rubbed Bronze	Bright Chrome	Satin Chrome	Bright Stainless

---

Lever Styles

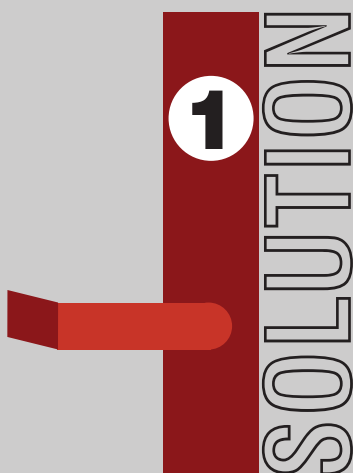| 0	ADA COMPLIANT	2	3	4
Standard With Return	UG Trim available in "0" lever style only GG Trim available in all lever styles	Tapered	Tubular With Return	Tapered With Return

General Solutions Binder 2012 V9.3

CONTROL TRIM SERIES

Electric Locking *Without* Electric Strikes, Electromagnetic Locks or Electrified Locks

LEXI™
ELECTRA™
ACCED™
ARTE™
RACHIE™

What is 1SOLUTION?

What is 1Solution? It is our electric locking and signalling via control trim solutions for both retrofit and new construction applications. Our control trim solutions can be used in thousands of applications from schools, universities and apartment buildings to hospitals, government facilities and office buildings. Our GG style control trim is used with all of our electric locking solutions to give you a uniform look and common method of entry throughout your facilily.

It is our control trim that can be integrated with most access control or remote release systems, and can be installed on virtually any door.*

It is our 24vDC electric release solenoid inside the trim, eliminating the need for electric strikes. This allows for easier installation and greater reliability and durability.

Our control trim uses internal switches, activated by lever movement that can send request-to-exit signals and release electromagnetic locks.

*Not applicable on all glass doors.

Solutions

LEXI™	Control trim can be retrofitted to essentially any existing exit device hardware. Use this to electrify all of your doors without replacing hardware. The LEXI™ series uses specially designed mounting plates and operators to retrofit to various exit devices. See page E2.0 for more information.
ELECTRA™	Control trim packages for mortise or cylindrical openings. Use these in both retrofit of new construction applications. All the hardware is included. See page E3.0 for more information.
ACCED™	Control trim packages with panic exit device. Use this for new construction applications requiring exit devices and control trim. All hardware is included. See page E4.0 for more information.
ARTE™	Control trim for doors that only need a signal. Eliminates the need for pushbutton, IR sensors and other magnetic releases. Provides a request-to-exit or electromagnetic lock without the use of a keyed or electric release trim. See page E7.0 for more information.
RACHIE™	Double sided control trim for mantraps, sally ports, interlocks, secured wards and other entry & exit control systems. The RACHIE™ provides 24vDC electric release to both sides of the door. Customized for psychiatric hospitals, detention facilities, laboratories, financial institutions, government facilities and retail stores to name a few. See page E6.0 for more information.

SECURITECH GROUP, INC.   54-60 46th St., Maspeth, NY 11378   800.622.LOCK   718.392.9000   fax 718.392.8944   www.securitech.com

2-1111   z 2011 Securitech Group, Inc.

1SOLUTION for all of the following types of applications:

Retrofit Model - Exterior Electric Release Trim For Use With Existing Exit Devices

LEXI™

EDT Models

For Doors With Existing Exit Devices

Match existing exit device with our mounting plate and operator.

Sample Rim Operator	Sample Mortise Operator	Sample Lifting Operator	Sample Mounting Plates

See the LEXI Mounting Plate and Operator Finder on page E2.3 for complete listings.

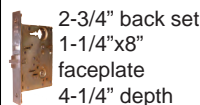### Complete Packages - Including Lockset

ELECTRA™ Mortise

ML Series

For Doors With Mortise Openings

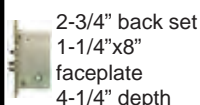Choose from 4 lock bodies depending on door type
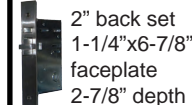
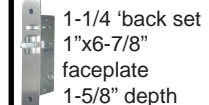| MLA	MLS	MLM	MLN
"A" Series	**"S" Series**	**Mini-Mortise**	**Narrow-Stile**
2-3/4" back set 1-1/4"x8" faceplate 4-1/4" depth	2-3/4" back set 1-1/4"x8" faceplate 4-1/4" depth	2" back set 1-1/4"x6-7/8" faceplate 2-7/8" depth	1-1/4 'back set 1"x6-7/8" faceplate 1-5/8" depth
Standard hollow metal or wood doors		Medium-stile	Narrow-stile

ELECTRA may also be ordered less lock body to operate with other manufacturers' mortise locks

ELECTRA™ Cylindrical

CL Series
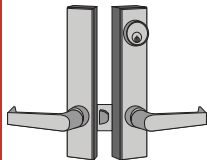
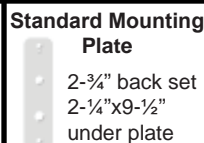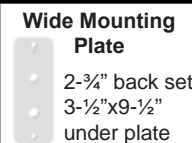**For Doors With Cylindrical Openings (new or retrofit)**

Choose mounting plate

CLS		CLW	
Standard Mounting Plate	Fits standard 2-1/8"x1" cross bore door prep	**Wide Mounting Plate**	Wide mounting plate covers existing wide roses
2-¾" back set 2-¼"x9-½" under plate		2-¾" back set 3-½"x9-½" under plate	**3-1/2"**
New Construction		Retrofit	
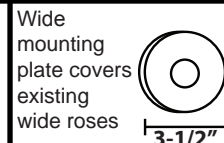
ACCED™
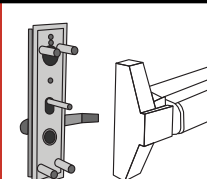
ED Series

For Doors Requiring Exit Devices and Control Trim

Select the type of exit device.

EDR	EDS	EDC	EDM	EDB
Rim	Surface Vertical Rod	Concealed Vertical Rod	Mortise	Rim Bolt

RACHIE™

RA Series

For Mantraps, Sally ports & Other Custom Applications

Provides Control Trim On Both Sides Of The Door

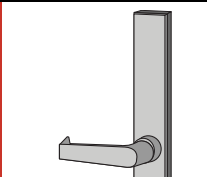| RA-M100	RA-E100	TRIM IDENTIFICATION CHART
Electrically & key released trim, mortise locks and electromagnetic locks. Key override restricted.	Electrically & key released trim, mortise locks. Key overrides at all times, violations are possible.	EXTERIOR / OUTER DOOR / VESTIBULE / INNER DOOR / SECURED AREA (A) (B) (C) (D)
Electromagnetic	Electric Trim Only	
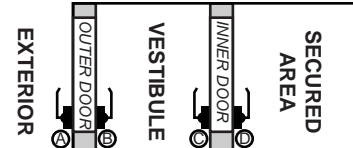
ARTE™

ST Series

For Doors Which Only Need A Signal Trim

Provides a R-T-E (Request-To-Exit) or Electromagnetic Lock control without use of keyed or electric release trim. "No Special Knowledge" required.
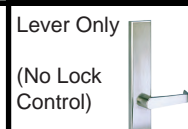
STL	STA	STC
Lever Only (No Lock Control)	With "A" Series Mortise Lock	With Cylindrical Lock set
Switch Only Series: No Cylinder Or Electric Release		Replaces P-I-R or R-T-E Buttons

SECURITECH You Want, We Do

TABLE OF CONTENTS

Securitech Control Trim meets today's system integration needs.

INTERIOR **EXTERIOR**

EGRESS FUNCTION
Free Egress At All Times
(Fail-Safe Exiting)

KEY FUNCTION
Single Entry
Classroom Function
Key Usage Switch

ELECTRIC TYPE & FUNCTION
24vDC Fail-Secure
24vDC Fail-Safe
24vAC Fail-Secure
Mechanical Fail-Secure

Lock Body Switch Options
Latch Position Switch
Door Position Switch

LEVER ACTIVATED SWITCH
No Switch
Electromagnetic Release Switch
Request-To-Exit (R-T-E) Switch

LEVER ACTIVATED SWITCH
No Switch
Electromagnetic Release Switch
Lever Position Switch

LEVER TYPE
Vandal-Resistant Slip-Clutch
Lever

Exterior Operation Options

Key Function	Electric Release	Power Options
Single Use - Store Room: Lever relocks when key is removed. (Standard)	**Fail-Secure** Lever remains locked with loss of power**. (**DC Release, AC Release, Mechanical)	**24vDC** Used for Fail-Secure or Fail-Safe.
Classroom: Lever remains unlocked until relocked by key.	**Fail-Safe** For re-entry applications; lever unlocks with loss of power. (Re-Entry)	**24vAC**(30VA) Used when "Buzzing" sound is required. Fail-Secure only. **Mechanical Only** Use Storeroom or Classroom Function

Signaling Options

Interior	Exterior	Lock Body
Request-To-Exit Moving lever sends signal for exiting; Eliminates need for R-E-X or P-I-R switches	**Key Usage Switch** Indicates key is used to bypass access control systems	**Latch Position Switch** Indicates that latch is fully extended **Door Position Switch** Indicates that the door is in the frame

SECURITECH

FUNCTION CHART

54-60 46th Street, Maspeth NY 11378 | 800.622.LOCK | local: 718.392.9000 | fax: 718.392.8944 | www.securitech.com

Use this Function Chart in reference to LEXI, ELECTRA and ACCED electric lock models.

DC Release

DESCRIPTIONS	D11	D13	D14	D15	D16	D17	D31	D37
Fail-Secure	✓	✓	✓	✓	✓	✓	✓	✓
Fail-Safe								
Entry By Key	✓	✓	✓	✓	✓	✓		✓
24vDC Electric Release	24D	24D	24D	24D	24D	24D	24D	24D
24vDC Re-Entry Function								
24vAC "Buzzing" Release								
Key Usage Switch			✓	✓				
Latch Position Switch				✓	✓	✓		✓
Request-To-Exit Signal								
Classroom Function							CF	CF
Key On/Off Switch					ON/OFF	ON/OFF		
Single Entry	✓	✓	✓	✓	✓	✓	✓	✓

Re-Entry

DESCRIPTIONS	R11	R13	R17	R21	R23	R24	R27
Fail-Secure							
Fail-Safe	✓	✓	✓	✓	✓	✓	✓
Entry By Key	✓	✓	✓	✓	✓	✓	✓
24vDC Electric Release							
24vDC Re-Entry Function	24R	24R	24R	24R	24R	24R	24R
24vAC "Buzzing" Release							
Key Usage Switch			✓			✓	✓
Latch Position Switch	✓		✓			✓	✓
Request-To-Exit Signal				✓	✓	✓	
Classroom Function							
Key On/Off Switch							
Single Entry	✓	✓	✓	✓	✓	✓	✓

DC Release With Request-To-Exit

DESCRIPTIONS	D21	D23	D24	D25	D26	D27	D41	D47
Fail-Secure	✓	✓	✓	✓	✓	✓	✓	✓
Fail-Safe								
Entry By Key	✓	✓	✓	✓	✓	✓	✓	✓
24vDC Electric Release	24D	24D	24D	24D	24D	24D	24D	24D
24vDC Re-Entry Function								
24vAC "Buzzing" Release								
Key Usage Switch			✓	✓				
Latch Position Switch			✓		✓	✓		✓
Request-To-Exit Signal	✓	✓	✓	✓	✓	✓	✓	✓
Classroom Function							CF	CF
Key On/Off Switch				ON/OFF	ON/OFF			
Single Entry	✓	✓	✓	✓	✓	✓	✓	✓

AC "Buzz"

DESCRIPTIONS	A11	A21
Fail-Secure	✓	✓
Fail-Safe		
Entry By Key	✓	✓
24vDC Electric Release		
24vDC Re-Entry Function		
24vAC "Buzzing" Release	24A	24A
Key Usage Switch		
Latch Position Switch		
Request-To-Exit Signal		✓
Classroom Function		
Key On/Off Switch		
Single Entry	✓	✓

How to determine the swing of the door

Door Handing

The door handing is determined by looking at the door from the exterior (key) side of the door.

Look at the hinges and determine if the door swings in to the room or out of the room.
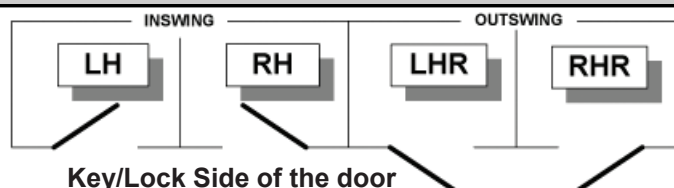
INSWING — LH — RH   OUTSWING — LHR — RHR

Key/Lock Side of the door

EXAMPLE:

24vDC POWER SUPPLY

82 Ft.

JUNCTION BOX	54 Ft.	FIRE-ALARM PANEL

26 Ft.
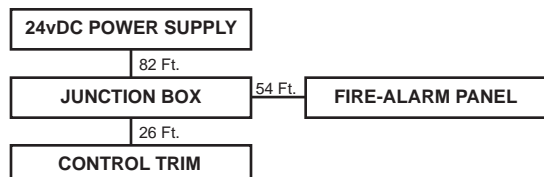
CONTROL TRIM

In the example above, 4 items are being connected: a 24vDC power supply; a junction box; a fire-alarm panel, for emergency release of the door in case of fire; and a control trim.

First, determine the distance between each of the items:

The 24vDC power supply is connected to the junction box. The distance is 82 feet.

The junction box is connected to the fire-alarm panel and the control trim. The distance between the junction box and fire-alarm is 54 feet. The distance between the junction box and the control trim is 26 feet.

Next add the distances (82, 54, 26) together. The total distance is 162 feet.

Refer to the chart for 24vDC. Locate the nearest distance (250 feet). The recommended wire size is 18 AWG.

NOTE: For more wiring information, please contact Securitech for assistance

These recommended, minimum wire sizes are for reference only. Verify compliance with the local codes before installation.

The charts are base of the following criteria:

Current
The amount of current from the power supply to the control switches, contacts and the electrical product.

Distance
The distance, in feet, that the current travels from the power supply to the control switches, contacts and the electrical product.

Wire Size
Minimum size required for controlling the electrical product. Larger sizes can be used to meet code.

Wire Length
Length of wire in one direction.

Solenoid
Providing sufficient voltage to the solenoid of one product. If more products are used, the distance should be multiplied by the number of products used. Our electric release solenoid has a low current draw allowing easy access control system integration without requiring special power supplies.

DISTANCE (in feet)

VOLTAGE	25	50	100	150	250	500	750	1000
24vAC (30VA)	18 AWG	18 AWG	18 AWG	18 AWG	16 AWG	14 AWG	12 AWG	10 AWG
24vDC	18 AWG	18 AWG	18 AWG	18 AWG	18 AWG	18 AWG	16 AWG	14 AWG

TRANSFORMER

Solenoid	Resistance	Draw
AC	5 OHMS	2 AMPS
DC	90 OHMS	.003 AMPS

SOLUTION

LEXI™
Retrofit Control Trim For Exit Devices
The Universal Access Control Solution For Electrifying Exit Devices

Easy Installation To Existing Doors
Does not require cutting into frame for electric strike.

Easy "No Special Knowledge" Operation
Unlock the lever by key, card access, keypad, intercom, push-button or other release.

Slip Clutch Lever Handle
Stands up to abuse; will break-away when forced; easily reset by just lifting up.

Stainless Steel Lever
Durable, rugged one-piece construction. Meets ADA Code.

Dual Point Cylinder Holder
The cylinder is fastened to the trim with locking arms extending into a groove on each side of the cylinder.

Use the LEXI™ across a campus, school system or other institutional facility with many different exit devices. Retrofits to all major manufacturer's exit devices!
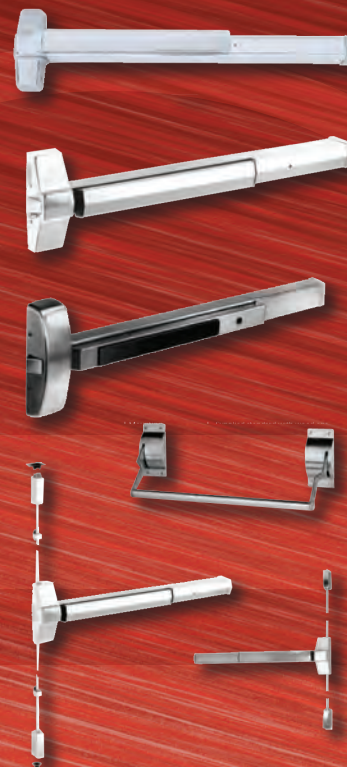
MOUNTING PLATE & OPERATOR
Give your doors a uniform look without changing all the hardware.

Retrofiting our LEXI™ Control Trim to various exit devices is made possible by Securitech's Mounting Plates & Operators (MP&O). Each MP&O is created specifically with a certain exit device in mind. We are always creating new MP&O's if you find that we do not have a MP&O for your device, please contact Securitech.

The MP&O is mounted to the back of the LEXI™ Control Trim. This is bolted through the door to the exit device allowing the trim and device to work simultaneously.

Mounting Plates
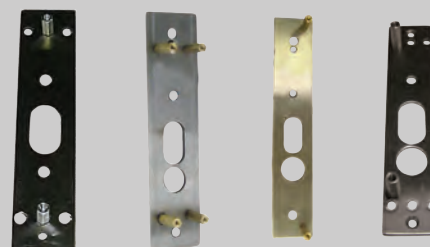
See MP&O Finder on page E2.3-E2.5 for complete listing.

Operators

See MP&O Finder on page E2.3-E2.5 for complete listing.

1 SERIES

| EDT | Exit Device Trim |
| EMT | Exit Device Trim, With Maglock Control |

2 TRIM

| G2 | GG Style Trim; Durable, Slip Clutch Model (vandal-resistant) |

LEVER

0	Standard With Return (Standard)
2	Tapered
3	Tubular With Return
4	Tapered With Return

3 FUNCTION

D11	24vDC Release, Single Entry, Fail-Secure
D13	24vDC Release, Key Usage Switch
D15	24vDC Release, Key On/Off Switch
D31	24vDC Release, Classroom Function
R11	Re-Entry Function, 24vDC Required, Fail-Safe
R13	Re-Entry Function, Key Usage Switch
A11	24vAC (30VA) Release, Single Entry, Fail-Secure
A13	24vAC (30VA) Release, Key Usage Switch
M10	Mechanical, Single Entry
M30	Mechanical, Classroom Function
M00	Mechanical, Dummy Trim

All Functions Listed

4 POPULAR MOUNTING PLATES & OPERATOR (MP&O)

D4G2	2" x 9.213" Doromatic, CVR-1690, 990
D6G2	2" x 9.210" Doromatic, CVR-3700
J2F1	1.676" x 9.776" Jackson, CVR-885, 1085, 1285, 2085
K1E1B	2" x 13.625" Kawneer, CVR-Paneline(wide plate)
V1A1	2.5" x 10.5 " Von Duprin, Rim-99EO, 99NL(cyl), 99TP, 99K, 9927EO NL(cyl), 9927L, 9927K, 9947EO, 9947NL(cyl), 9947L
Y1A1	2" x 9.25" Yale, SVR7110, SQB7150(n), CVR7140(n), Rim7200(w), CVR7240, Corbin Russwin, Rim-ED5200(n), SVR-ED5400(n), CVR-ED5800(n), Rim-ED4200, SVR-ED4400, SVR-ED4800, Rim-ED6200, SVR-ED6400(EO), CVR-ED6800(EO)
Y3A1	3" x 10.5" Yale, Rim7100(w), SQB7150(w), SVR7110(w), CVR7140(w)

For more options see LEXI MP&O Finder (page E2.3-E2.5)

5 SPECIAL OPTIONS

SPECIAL OPTIONS (List As Needed)

F1	Lever Position Switch
F3	Thick Door (2-2 1/2)
F4	LED Lever Release Indicator
F5	Security Fasteners
F6	Piezo Sounder For Lever

6 FINISH

630	Satin Stainless Steel
605	Bright Brass
606	Satin Brass
613	Oil Rubbed Bronze
625	Bright Chrome
626	Satin Chrome
629	Bright Stainless Steel

7 DOOR HANDING

| LHR | Left Hand Reverse Door |
| RHR | Right Hand Reverse Door |

Abbreviations - CVR = concealed vertical rod, SVR = surface vertical rod, N = narrow, W = wide, EO = exit only

---

ENTER MODEL CODE

EXAMPLE: EDT-G20-D13-Y1A-F1-630-LHR

_____-_____-_____-_____-_____-_____-_____

  1   2   3   4   5*   6   7

*Field #5 (Special Functions) is optional.

	DC Release				Re-Entry		AC "Buzz"
	D11	D13	D15	D31	R11	R13	A11	D37
Fail-Secure	●	●	●	●			●	●
Fail-Safe					●	●		
Entry By Key	●	●	●	●	●	●	●	●
24vDC Electric Release	24D	24D	24D	24D				24D
24vDC Re-Entry Function					24R	24R		
24vAC "Buzzing" Release							24A	24A
Key Usage Switch		●				●		●
Latch Position Switch	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Request-To-Exit Signal	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Classroom Function				CF				
Key On/Off Switch			ON/OFF					
Single Entry	●	●	●	●	●	●	●	●

FAIL-SECURE LOCKING

Fail-Secure locking is available in Single-Entry Storeroom Function or Classroom Function. Fail-Secure models stay locked at all times, unless unlocked by key. In the event of an emergency the locks remained secured.

FAIL-SAFE (STAIRWELL) RE-ENTRY LOCKING

Re-Entry (stairwell) locking fills the need where a door needs to be secured during normal operation, but is also a means of escape or refuge in the event of an emergency. Many building codes mandate re-entry every fourth floor in a high-rise building. Build a Fail-Safe, Stairwell, Re-Entry Model using the "R" Functions.

Example: EDT-G20-R11-Y1A1-630-LHR

Retrofit control trim for existing exit devices.

Use for:
Schools Systems
Universities
Apartment Buildings
Hospitals
Government Facilities
Office Buildings
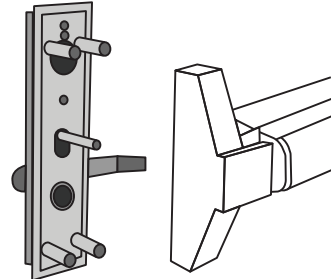
FEATURED MP&O

UNIVERSAL MOUNTING PLATE (U1A)
Add a U1A to any exit device where 75° or less rotation of rim tail piece will operate (nightlatch)

EDT-G20-D11-J2F1-630-(RHR or LHR)
Electric release trim for Jackson concealed vertical rod exit devices.
Compatible with Jackson CVR-885, 1085, 1285, 2085
Popular finishes; satin stainless steel (630) or oil rubbed bronze (613)
Function; 24vDC release, single entry, fail-secure

EDT-G20-D13-J2F1-630-(RHR or LHR)
Electric release trim for Jackson concealed vertical rod exit devices.
Compatible with Jackson CVR-885, 1085, 1285, 2085
Popular finishes; satin stainless steel (630) or oil rubbed bronze (613)
Function; 24vDC release, single entry, fail-secure, key usage switch

EDT-G20-D11-D4G2-630-(RHR or LHR)
Electric release trim for Doromatic concealed vertical rod exit devices.
Compatible with Doromatic CVR-1690, 990
Popular finishes; satin stainless steel (630) or oil rubbed bronze (613)
Function; 24vDC release, single entry, fail-secure

EDT-G20-D13-D4G2-630-(RHR or LHR)
Electric release trim for Doromatic concealed vertical rod exit devices.
Compatible with Doromatic CVR-1690, 990
Popular finishes; satin stainless steel (630) or oil rubbed bronze (613)
Function; 24vDC release, single entry, fail-secure, key usage switch

FAIL-SAFE (STAIRWELL) RE-ENTRY MODELS

For popular Re-Entry Models replace "D" Function with "R" Function.

R11	Re-Entry DC, Single Entry, Fail-Safe
R13	Re-Entry DC, Single Entry, Fail-Safe, Key Usage Switch

Re-Entry (stairwell) locking fills the need where a door needs to be secured during normal operation, but is also a means of escape or refuge in the event of an emergency. Many building codes mandate re-entry every fourth floor in a high-rise building. Build a Fail-Safe, Stairwell, Re-Entry Model using the "R" Functions.

Example: EDT-G20-R11-Y1A1-630-LHR

All LEXI models are Fail-Secure unless a Re-Entry function (e.g. R11) is selected.

EDT-G20-D11-V1A1-630-(RHR or LHR)
Electric release trim for Von Duprin rim exit devices.
Compatible with Von Duprin Rim-99EO, 99NL(cyl), 99TP, 99K, 9927EO, 9927NL(cyl), 9927L, 9927K, 9947EO, 9947NL(cyl), 9947L
Function; 24vDC release, single entry, fail-secure

EDT-G20-D13-V1A1-630-(RHR or LHR)
Electric release trim for Von Duprin rim exit devices.
Compatible with Von Duprin Rim-99EO, 99NL(cyl), 99TP, 99K, 9927EO, 9927NL(cyl), 9927L, 9927K, 9947EO, 9947NL(cyl), 9947L
Function; 24vDC release, single entry, fail-secure, key usage switch

EDT-G20-D11-Y1A1-630-(RHR or LHR)
Electric release trim for Yale exit devices.
Compatible with Yale VR7110, SQB-7150(n), CVR-7140(n), Rim-7200(w), CVR-7240, Rim-ED5200(n), SVR-ED5400(n), CVR-ED5800(n), Rim-ED4200, SVR-ED4400, SVR-ED4800, Rim-ED6200, SVR-ED6400(EO), CVR-ED6800(EO)
Function; 24vDC release, single entry, fail-secure

EDT-G20-D13-Y1A1-630-(RHR or LHR)
Electric release trim for Yale exit devices.
Compatible with Yale VR7110, SQB-7150(n), CVR-7140(n), Rim-7200(w), CVR-7240, Rim-ED5200(n), SVR-ED5400(n), CVR-ED5800(n), Rim-ED4200, SVR-ED4400, SVR-ED4800, Rim-ED6200, SVR-ED6400(EO), CVR-ED6800(EO)
Function; 24vDC release, single entry, fail-secure, key usage switch

FIND YOUR EXIT DEVICE MODEL NUMBER. FIND THE CORRESPONDING MP&O. PLACE THE MP&O DESIGNATION INTO FIELD #4 ON THE LEXI MODEL BUILDER PAGE.

Von Duprin Exit Devices

MODEL	TYPE	DEVICE	EXTERIOR	OPERATOR	MP&O	LEVEL
22	RIM	22NL	N/A	N/A	**U1A1**	II
33	RIM	33EO	NONE	N/A	**V8F8**	V
33	RIM	33NL-OP	CYLINDER	334	**V8F8**	V
33	RIM	33L	LEVER TRIM	370L	**V8F8**	V
3327	SVR	3327L	LEVER TRIM	370L	**V8F8**	V
3347	CVR	3347L	LEVER TRIM	372L	**V9D6**	IV
3347	CVR	3347TL	THUMBTURN	376T	**V13D6***	IV
33A	RIM	33AEO	NONE	N/A	**V10A4**	II
33A	RIM	33ANL	CYLINDER	386NL	**V10A4**	II
33A	RIM	33AL	LEVER TRIM	360L	**V10A4**	II
33A47	CVR	33A47EO	NONE	N/A	**V10A4**	II
33A47	CVR	33A47NL	CYLINDER	386NL	**V10A4**	II
33A47	CVR	33A47L	LEVER TRIM	360L	**V10A4**	II
33A47	CVR	33A47TL	THUMBTURN	376T	**V13D6***	IV
5547	CVR	5547TL	THUMBTURN	376T	**V13D6***	IV
55	RIM	55NL	LEVER TRIM	5575NL	**V18A1**	IV
88	RIM	88NL	CYLINDER	880NL	**V2A1**	II
88	RIM	88TP	THUMB PIECE	880TP	**V15A1***	IV
88	RIM	88L	LEVER TRIM	373L	**V20B4**	II
88	RIM	88K	KNOB	880K	**V2B1**	III
8875	MORTISE	8875L	LEVER TRIM	373L	**V7B1**	II
8827	SVR	8827TP	THUMB PIECE	880TP	**V11D9***	IV
8827	SVR	8827L	LEVER TRIM	373L	**V12B4**	II
8847	CVR	8847EO	NONE	N/A	**V13D6***	IV
8847	CVR	8847TL	THUMBTURN	377T	**V13D6***	IV
99	RIM	99EO	NONE	N/A	**V1A1**	II
99	RIM	99NL	CYLINDER/PLATE	990NL	**V4A1**	II
99	RIM	99NL	CYLINDER ONLY	110NL	**V1A1**	II
99	RIM	99TP	THUMB PIECE	990TP	**V1A1**	II
99	RIM	99K	KNOB	991K	**V1A1**	II
9975	MORTISE	9975L	LEVER TRIM	992L	**V14B8**	III
9975	MORTISE	9975K	KNOB	991K	**V14B8**	III
9927	SVR	9927EO	NONE	N/A	**V1A1**	II
9927	SVR	9927NL	CYLINDER/PLATE	990NL	**V4A1**	II
9927	SVR	9927NL	CYLINDER ONLY	110NL	**V1A1**	II
9927	SVR	9927TP	THUMB PIECE	990TP	**V4A1**	II
9927	SVR	9927L	LEVER TRIM	992L	**V1A1**	II
9927	SVR	9927K	KNOB	991K	**V1A1**	II
9947	CVR	9947EO	NONE	N/A	**V1A1**	II
9947	CVR	9947NL	CYLINDER/PLATE	990NL	**V4A1**	II
9947	CVR	9947NL	CYLINDER ONLY	110NL	**V1A1**	II
9947	CVR	9947L	LEVER TRIM	992L	**V1A1**	II

* Must use rod member #109112 for MP&O #V13D6
** Requires Von Duprin #CKNL kit to use MP&O #V15A1
***Specify Right Handed or Left Handed

Universal Mounting Plates

MP&O	LEVEL	WIDTH	HEIGHT
U1A1	II	2"	13"
U2A1	II	3"	13"
U3D2	II	3"	13"
U4A7	II	2.5"	14.25"
U1D6	III	2"	13"
U1D7	III	2"	13"

Universal Mounting Plates do not match a specific manufacturer's templating and do not thru-bolt to exit devices. They are designed to thru-bolt around the exit device head and can be used with various, but not all exit devices.

All Universal Mounting Plates include 4 thru-bolts except the U3D2 MP&O which comes with 2 thru-bolts.

U1A1 & U2A1 replicate rim cylinder tailpiece

D2 operator used for Monarch 18 CVR

D6 operator used for lifting motion on different CVR devices

D7 operator used for lifting motion on Sargent CVR devices
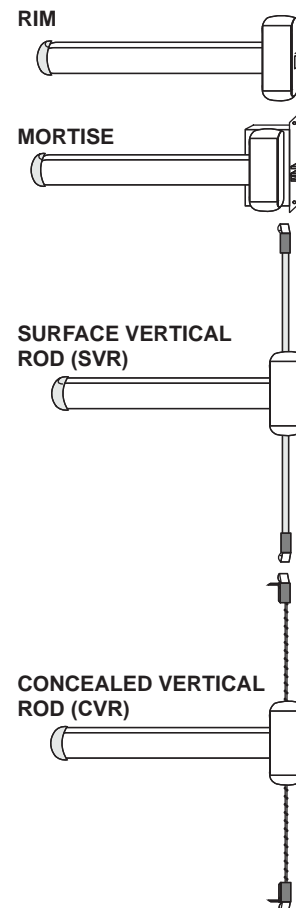
RIM

MORTISE

SURFACE VERTICAL ROD (SVR)

CONCEALED VERTICAL ROD (CVR)

We are constantly adding MP&O's based upon customer requests. If the MP&O for an exit device you need is not listed, please contact the factory and we'll work with you to meet your needs.

FIND YOUR EXIT DEVICE MODEL NUMBER. FIND THE CORRESPONDING MP&O. PLACE THE MP&O DESIGNATION INTO FIELD #4 ON THE LEXI MODEL BUILDER PAGE.

ALUMINUM DOOR SOLUTIONS

Jackson Exit Devices

MODEL	TYPE	MP&O	LEVEL
885	CVR	J2F1	III
1085	CVR	J2F1	III
1085	CVR	J6F1*	III
1285	CVR	J2F1	III
2085	CVR	J2F1	III
3185	CVR	J1H2	IV
1095	RIM	J3A4	III
1295	RIM	J4A5	III
2095	RIM	J5A5	III

Kawneer Exit Devices

STILE	TYPE	MP&O	LEVEL
WIDE	CVR	K1E1B**	VI
NARROW	CVR	K2E2**	V

Adams-Rite Exit Devices

MODEL	TYPE	MP&O	LEVEL
8400	MORTISE	A1B3	II
8600-LHR	CVR	A2A8	II
8600-RHR	CVR	A3A8	II
8675-LHR	CVR	A2A8	II
8675-RHR	CVR	A3A8	II

Monarch Exit Devices

MODEL	TYPE	MP&O	LEVEL
17R	RIM	M1D2	II
17M	MORTISE	M1D2	II
18R	RIM	M3B9	II
18SVR	SVR	M2A1	II
19SVR	SVR	M4A1	II
19 R EO	RIM	M5A1	II

Doromatic Exit Devices

MODEL	TYPE	MP&O	LEVEL
1690	CVR	D4G2	III
990	CVR	D4G2	III
1990	CVR	D10G2	III
1790-RHR	RIM	D6G2	III
1790-LHR	RIM	D6G1	III
2090-RHR	RIM	D6G2	III
2090-LHR	RIM	D6G1	III
3700	RIM	D6G2	III

Detex Exit Devices

MODEL	TYPE	MP&O	LEVEL
V4001	RIM	T1A10	IV

Hager Exit Devices

MODEL	TYPE	MP&O	LEVEL
4500	RIM	H1A7	IV

Corbin/Russwin Exit Devices

MODEL	TYPE	DEVICE	EXTERIOR	MP&O	LEVEL	STILE
ED5000	RIM	ED5200		Y1A1 / Y3A1	I / II	NARROW / WIDE
ED5000	SECURITY	ED5200S		Y1A1 / Y3A1	I / II	NARROW / WIDE
ED5000	MORTISE	ED5600L	LEVER TRIM	Y2B1	II	N/A
ED5000	SVR	ED5400		Y1A1 / Y3A1	I / II	NARROW / WIDE
ED5000	CVR	ED5800		Y1A1 / Y3A1	I / II	NARROW / WIDE
ED4000	RIM	ED4200		Y1A1	I	N/A
ED4000	SVR	ED4400		Y1A1	I	N/A
ED4000	CVR	ED4800		Y1A1	I	N/A
ED6000	RIM	ED6200***	EXIT ONLY	Y1A1	I	N/A
ED6000	RIM	ED6200****	THUMBPIECE	C6L1	III	N/A
ED6000	RIM	ED6200	LEVER TRIM	C6L1	III	N/A
ED6000	RIM	ED6200	KNOB	C6L1	III	N/A
ED6000	SVR	ED6400***	EXIT ONLY	Y1A1	I	N/A
ED6000	SVR	ED6400****	THUMBPIECE	C6L1	III	N/A
ED6000	SVR	ED6400	LEVER TRIM	C5C2	III	N/A
ED6000	SVR	ED6400	KNOB	C6L1	III	N/A
ED6000	CVR	ED6800***	EXIT ONLY	Y1A1	I	N/A
ED6000	CVR	ED6800****	THUMBPIECE	C6L1	III	N/A
ED6000	CVR	ED6800	LEVER TRIM	C6L1	III	N/A
ED6000	CVR	ED6800	KNOB	C6L1	III	N/A
ED8000	RIM	ED8200	EXIT ONLY	C3A3	III	N/A
ED8000	RIM	ED8200	LEVER OR KNOB	C3A3	III	N/A
ED8000	SVR	ED8400	EXIT ONLY	C3A3	III	N/A
ED8000	SVR	ED8400	LEVER OR KNOB	C3A3	III	N/A

ED5000 Series
All exits will accept trims.

Function of device is in trim not in the exit head.

The narrow Y1 plate should be used on new construction or doors not yet prepped for Corbin Russwin 700/900 trims.

The Y3 backplate is the same dimensions as the escutcheon for the 700/900 trim by Corbin Russwin. Use on retrofit projects.

ED4000 Series
All narrow-stile exits will accept trims.

Function of device is in trim not in the exit head.

The Y1A1 MP&O bolts directly to the head of the exit device.

ED8000 Series
Trim bolts thru door above and below device as well as once to head of device for alignment

*For retrofit. Covers old exterior trim holes.
**For use with PANELINE 350 Doors
***Requires upgrade cassette in exit device head to accept trim
****The C2 Plate will not cover all old thumbpiece holes

We are constantly adding MP&O's based upon customer requests. If the MP&O for an exit device you need is not listed, please contact the factory and we'll work with you to meet your needs.

FIND YOUR EXIT DEVICE MODEL NUMBER. FIND THE CORRESPONDING MP&O. PLACE THE MP&O DESIGNATION INTO FIELD #4 ON THE LEXI MODEL BUILDER PAGE.

Yale Exit Devices

MODEL	TYPE	EXTERIOR	OPERATOR	MP&O	LEVEL	STILE
7100/7150	RIM	NONE	N/A	Y1A1 / Y3A1	I / II	NARROW / WIDE
7100/7150	RIM	CYLINDER	N/A	Y1A1 / Y3A1	I / II	NARROW / WIDE
7100/7150	RIM	THUMBPIECE	530	Y1A1 / Y3A1	I / II	NARROW / WIDE
7100/7150	RIM	LEVER TRIM	520/620	Y1A1 / Y3A1	I / II	NARROW / WIDE
7100/7150	RIM	KNOB	CA544	Y3A1	II	N/A
7130	MORTISE	NONE	N/A	Y2B1	II	N/A
7130	MORTISE	LEVER TRIM	520/620	Y2B1	II	N/A
7110	SVR	NONE	N/A	Y1A1 / Y3A1	I / II	NARROW / WIDE
7110	SVR	THUMBPIECE	530	Y1A1 / Y3A1	I / II	NARROW / WIDE
7110	SVR	LEVER TRIM	520/620	Y1A1 / Y3A1	I / II	NARROW / WIDE
7110	SVR	KNOB	CA544	Y3A1	II	N/A
7140	CVR	NONE	N/A	Y1A1 / Y3A1	I / II	NARROW / WIDE
7140	CVR	THUMBPIECE	530	Y1A1 / Y3A1	I / II	NARROW / WIDE
7140	CVR	LEVER TRIM	520/620	Y1A1 / Y3A1	I / II	NARROW / WIDE
7140	CVR	KNOB	CA544	Y3A1	II	N/A
7200	RIM	NONE	N/A	Y1A1	I	N/A
7200	RIM	CYLINDER	501	Y1A1	I	N/A
7200	RIM	THUMBPIECE	T14	Y1A1	I	N/A
7200	RIM	LEVER TRIM	500	Y1A1	I	N/A
7210	SVR	NONE	N/A	Y1A8	I	N/A
7210	SVR	CYLINDER	501	Y1A8	I	N/A
7210	SVR	THUMBPIECE	T14	Y1A8	I	N/A
7210	SVR	LEVER TRIM	500	Y1A8	I	N/A
7240	CVR	NONE	N/A	Y1A1	I	N/A
7240	CVR	CYLINDER	501	Y1A1	I	N/A
7240	CVR	THUMBPIECE	T14	Y1A1	I	N/A
7240	CVR	LEVER TRIM	500	Y1A1	I	N/A

Yale 7100 Series
All exit devices will accept trims. Function of device is in trim not in the exit head.

Y1A1 - The Y1 is a narrow plate and should be used on new construction or doors not yet prepped for Yale wide-stile trims.

Y3A1 - The Y3 is a wide backplate and uses the same dimensions as the escutcheon for the 520/620 lever trims. Use on retrofit projects.

The Y1 plate used with 7100 devices uses 4 thru-bolt studs.

Yale 7200 Series
All narrow stile exits will work with lever trims. Function of device is in trim not in the exit head.

Y1 plate bolts directly to head of 7200 narrow stile exit device in the middle 2 locations.

Sargent Exit Devices

MODEL	TYPE	MP&O	LEVEL
8400	CVR	S1D7	III
8400ET	CVR	S1D8	III
8600	CVR	S1D8	III
8810F	RIM	S2A1	I
8810RD	RIM	S2A1	I
8800R	RIM	S2A1	I
8880R	RIM	S2A1	I
8813	RIM	S2A1	I
8888R	RIM	S6A1	III
8300	MORTISE	S4B2	I
8700	SVR	S4B2	I
8900	MORTISE	S4B2	I
9804	RIM	S3A1	III
9900	MORTISE	S3C1	III
9900	MORTISE	S4B2	I
9700	SVR	S4B2	I
9800	RIM	S4B2	I

Precision Exit Devices

MODEL	TYPE	MP&O	LEVEL
110	RIM	P1A1	II
110	RIM	P3C1	III
1103R	RIM	P1A1	II
1103R	RIM	P4A1*	II
1203	SVR	P1A1	II
200	SVR	P1A1	II
1200	SVR	P1A1	II
1305	MORTISE	P2B1	II
2603	CVR	P8A1	II
2103	RIM	P9A9	II
2208	SVR	P10A1	II
2400	RIM	P13A1	II

*For retrofit. Covers old exterior trim holes.

Dorma Exit Devices

MODEL	TYPE	MP&O	LEVEL
9100	CVR	B1A1	II
5100	CVR	B2A7	II
5300	RIM	B2A7	II
9400	SVR	B1A1	II

American Devices

MODEL	TYPE	MP&O	LEVEL
6100-LHR	CVR	A4A1	II
6100-RHR	CVR	A5A1	II

We are constantly adding MP&O's based upon customer requests. If the MP&O for an exit device you need is not listed, please contact the factory and we'll work with you to meet your needs.

SECURITECH
You Want, We Do

SOLUTION

ELECTRA™
Complete Control Trim Packages With Mortise & Cylindrical Devices

Easy Installation To Existing Doors
Does not require cutting into frame for electric strike.

Easy "No Special Knowledge" Operation
Unlock the lever by key, card access, keypad, intercom, push-button or other release.

Slip Clutch Lever Handle
Stands up to abuse; will break-away when forced; easily reset by just lifting up.

Stainless Steel Lever
Durable, rugged one-piece construction. Meets ADA Code.

Eliminates Request-To-Exit Devices
Models available with request-to-exit built into the interior lever.

ELECTRA™ Mortise
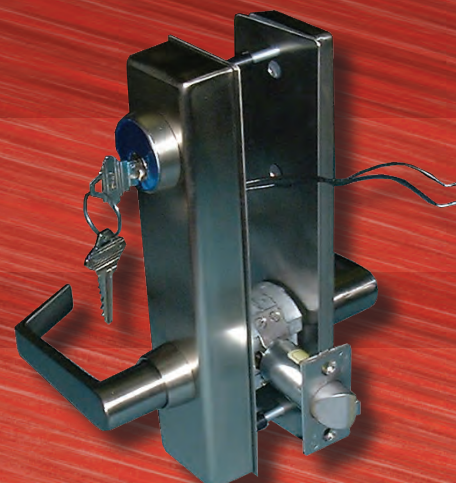
ELECTRA™ Cylindrical

ELECTRA™ Mortise

Designed for doors with mortise openings. Mortise lock body options allow installation on different types of doors, including steel, wood, narrow stile aluminum or gates. Complete package includes hardware.

"A" Series Mortise Lock

Mini-Mortise Lock

Narrow Stile Lock

ELECTRA™ Cylindrical

Designed for doors with cylindrical openings. Complete package includes hardware.
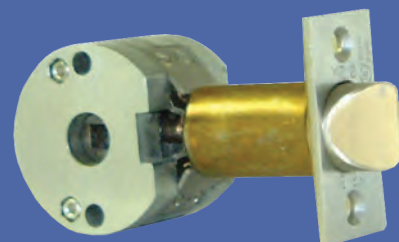
Cylindrical Prep (Fits 2 1/8" x 1" cross bore door prep)

1

Electra M

MLA	With "A" Series Mortise Lock
MLP	MLA With Door Position Sensor
MLS	With "S" Series Mortise Lock
MLM	With Mini-Mortise Lock
MLN	With Narrow-Stile Mortise Lock
MLX	Mortise Lock By Others (Contact Factory)
MLD	MLX With Spindle On Diamond
_M_	Change "L" To "M" For Maglock Control Models (Field #4 Required for all Maglock Models)

Electra C

CLS	With 2-1/4" Wide Mounting Plate
CLW	With Extra Wide 3-1/2" Mounting Plate
CMS	CLS With Maglock Control
CMW	CLW With Maglock Control

ENTER MODEL CODE
EXAMPLE: MLA-G20-D24-E1-630-LHR

_____-_____-_____-_____-_____-_____-_____
  1   2   3   4*   5*   6   7

*Fields 4 & 5 are optional.

FAIL-SECURE LOCKING

Fail-Secure locking is available in Single-Entry Storeroom Function or Classroom Function. Fail-Secure models stay locked at all times, unless unlocked by key. In the event of an emergency the locks remained secured.

FAIL-SAFE (STAIRWELL) RE-ENTRY LOCKING

Re-Entry (stairwell) locking fills the need where a door needs to be secured during normal operation, but is also a means of escape or refuge in the event of an emergency. Many building codes mandate re-entry every fourth floor in a high-rise building. Build a Fail-Safe, Stairwell, Re-Entry Model using the "R" Functions.

Example: MLS-G20-R11-630-RHR

2

TRIM

G2	GG Style Trim; Durable, Slip Clutch Model (vandal-resistant)	

LEVER

0	Standard With Return
2	Tapered
3	Tubular With Return
4	Tapered With Return

3

FUNCTION

D11	Fail-Secure; Entry By Key; 24vDC Electric Release; Single Entry
D21	Fail-Secure; Entry By Key; 24vDC Electric Release; Request-To-Exit; Single Entry
D23	Fail-Secure; Entry By Key; 24vDC Electric Release; Key Usage Switch; Request-To-Exit; Single Entry
R21	Fail-Safe; Entry By Key; 24vDC Re-Entry Function; Request-to-Exit; Single Entry

See Function Chart (Page E1.0)

4

OPTIONAL MAGLOCK

OPTIONAL (For Maglock Control Only)

E0	Maglock By Others
E1	1,200 lb. Holding Force Electromagnetic Lock
E2	E1 With Bond Sensor
E3	E1 With Door Status Switch
E4	E1 With E2 & E3 Features

5

SPECIAL OPTIONS

SPECIAL OPTIONS (List As Needed)

F1	Lever Position Switch
F3	Thick Door (2-2 1/2)
F4	LED Lever Release Indicator
F5	Security Fasteners
F6	Piezo Sounder For Lever

6

FINISH

630	Satin Stainless Steel
605	Bright Brass
606	Satin Brass
611	Bright Bronze
612	Satin Bronze
613	Oil Rubbed Bronze
625	Bright Chrome
626	Satin Chrome
629	Bright Stainless Steel

7

DOOR HANDING

LHR	Left Hand Reverse Door
RHR	Right Hand Reverse Door
LH	Left Hand Door
RH	Right Hand door
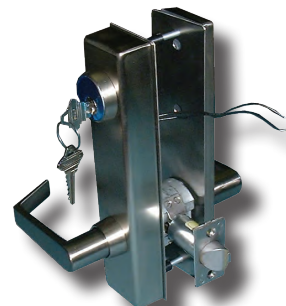
ELECTRA™ Cylindrical

ELECTRA™ Mortise

Complete control trim packages for mortise and cylindrical locks.

Use For: *Apartment Building Entrances*
Dormitory Entrances
Stairwell Doors, Fail-Safe, Re-Entry Doors
Computer Rooms
Other Applications
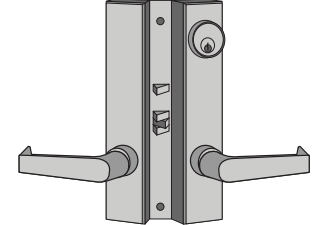
MLA-G20-D11-630-(RHR, RH, LHR, LH)
Complete control trim package with fire-rated mortise deadlatch lockset
D11 Function; 24vDC release, single entry, fail-secure

MLA-G20-D21-630-(RHR, RH, LHR, LH)
Complete control trim package with fire-rated mortise deadlatch lockset
D21 Function; 24vDC release, single entry, fail-secure, request-to-exit

MLA-G20-D24-630-(RHR, RH, LHR, LH)
Complete control trim package with fire-rated mortise deadlatch lockset
D24 Function; 24vDC release, single entry, fail-secure, key usage switch, latch position switch, request-to-exit

MLA-G20-R11-630-(RHR, RH, LHR, LH)
Complete control trim package with fire-rated mortise deadlatch lockset
R11 Function; 24vDC re-entry release, single entry, fail-safe

MLA-G20-R21-630-(RHR, RH, LHR, LH)
Complete control trim package with fire-rated mortise deadlatch lockset
R21 Function; 24vDC re-entry release, single entry, fail-safe, request-to-exit

MLA-G20-R24-630-(RHR, RH, LHR, LH)
Complete control trim package with fire-rated mortise deadlatch lockset
R24 Function; 24vDC re-entry release, single entry, fail-safe, request-to-exit, key usage switch, latch position switch

MLN-G20-D21-630-(RHR, RH, LHR, LH)
Complete control trim package with mortise lock for narrow stile aluminum door or gate
D21 Function; 24vDC release, single entry, fail-secure, request-to-exit

CLS-G20-D21-630-(RHR, RH, LHR, LH)
Complete control trim package for cylindrical lock opening; including fire-rated deadlatch
D21 Function; 24vDC release, single entry, fail-secure, request-to-exit

CLS-G20-D24-630-(RHR, RH, LHR, LH)
Complete control trim package for cylindrical lock opening; including fire-rated deadlatch
D24 Function; 24vDC release, single entry, fail-secure, key usage switch, latch position switch, request-to-exit

ACCED™

Complete Control Trim Packages With Exit Devices
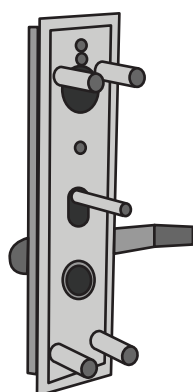
Exterior Lever

Electric Release protected within trim
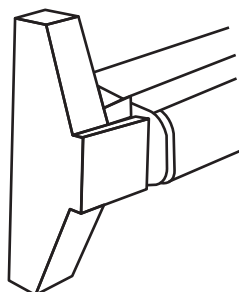
Exit Device

Available in Rim (R), Mortise (M), Concealed Vertical Rod (CVR), Surface Vertical Rod (SVR) and Rim Bolt (RB) Exit Devices

For use on steel or wood doors, wide-stile aluminum doors, aluminum doors with mid-rails or gates with mounting area.

Electric strike is not required; Electric release is within exterior trim

Exterior trim is released by key or electric release

Free egress from interior at all times

"No Special Knowledge"

Request-To-Exit available

UL Listed as Panic Exit Hardware, Fire-Rated models also available

Thru-bolted Design

Independent lever springs resists sagging

Internal clutch and lever movement restrictors protect the devices

Power transfer (electrified hinge, cable, door cord or other method) to door is required (see page E5.1 for options)

Patented cylinder holding method grasps cylinder at two points

SECURITECH GROUP, INC.   **54-60 46th St., Maspeth, NY 11378**   **800.622.LOCK**   **718.392.9000**   **fax 718.392.8944**   **www.securitech.com**

z **2011 Securitech Group, Inc.**   **E4.0**

1

Acced R

EDR	Rim Exit Device	
FDR	Fire-Rated Rim Exit Device	
-N	Narrow-1-5/8" Cover***	
EMR	Rim Device With Maglock Control	
FMR	Fire-Rated Rim Device With Maglock Control	

Acced SVR

EDS	Surface Vertical Rod Exit Device
FDS	Fire-Rated Surface Vertical Rod Exit Device
-N	Narrow-1-5/8" Cover***
EMS	Surface Vertical Rod With Maglock Control
FMS	Fire-Rated EMS Surface Vertical Rod With Maglock Control

Acced CVR

EDC	Concealed Vertical Rod Exit Device
FDC	Fire-Rated Concealed Vertical Rod Exit Device
-N	Narrow-1-5/8" Cover***
EMC	Concealed Vertical Rod With Maglock Control
FMC	Fire-Rated Concealed Vertical Rod With Maglock Control

Acced M

EDM	Mortise Exit Lock
FDM	Fire-Rated Mortise Exit Lock
EMM	Mortise Device With Maglock Control
FMM	Fire-Rated Mortise Device With Maglock Control

Acced RB

EDB	Rim Bolt Exit Device
FDB	Fire-Rated Rim Bolt Exit Device
-N	Narrow-1-5/8" Cover***
EMB	Rim Bolt Device With Maglock Control
FMB	Fire-Rated Rim Bolt Device With Maglock Control

ENTER MODEL CODE
EXAMPLE: EDR-G20-D24-AI-E1-630-LHR

____-____-____-____-____-____-____-____
  1   2   3   4*   5**   6**   7   8

*Field 4; Door & Wiring are required, Height & Dogging are optional.
**Fields 5 & 6 are optional.
***Add designation after series code.

FAIL-SECURE LOCKING

Fail-Secure locking is available in Single-Entry Storeroom Function or Classroom Function. Fail-Secure models stay locked at all times, unless unlocked by key. In the event of an emergency the locks remained secured.

FAIL-SAFE (STAIRWELL) RE-ENTRY LOCKING

Re-Entry (stairwell) locking fills the need where a door needs to be secured during normal operation, but is also a means of escape or refuge in the event of an emergency. Many building codes mandate re-entry every fourth floor in a high-rise building. Build a Fail-Safe, Stairwell, Re-Entry Model using the "R" Functions.

Example: EDR-G20-R24-AI-E0-630-LHR

2

TRIM

G2	GG Style Trim; Durable, Slip Clutch Model (vandal-resistant)

LEVER

0	Standard With Return
2	Tapered
3	Tubular With Return
4	Tapered With Return

3

FUNCTION

D11	Fail-Secure; Entry By Key; 24vDC Electric Release; Single Entry
D21	Fail-Secure; Entry By Key; 24vDC Electric Release; Request-To-Exit; Single Entry
D23	Fail-Secure; Entry By Key; 24vDC Electric Release; Key Usage Switch; Request-To-Exit; Single Entry
R21	Fail-Safe; Entry By Key; 24vDC Re-Entry Function; Request-to-Exit; Single Entry

See Function Chart (Page E1.0)

4

DOOR

A	30" - 36" Wide Doors
B	36 1/2" - 48" Wide Doors
C	24" - 29 1/2" Wide Doors

WIRING

I	Internal Wiring (at back of bar)
T	Armored Transfer Cable (hinge side of bar)
L	Internal Wiring With Long Leads

HEIGHT

Vertical Rod Models Only (7' Is Standard)

8	For Doors Up To 96"
10	For Doors Up To 120"

MECHANICAL DOGGING

OPTIONAL (Electric Dogging Is Standard)

D	Allen Keyed Dogging
KD	Cylinder Keyed Dogging

5

OPTIONAL MAGLOCK

OPTIONAL (Not available for Fire-Rated Models)

E0	Maglock By Others
E1	1,200 lb. Holding Force Electromagnetic Lock
E2	E1 With Bond Sensor
E3	E1 With Door Status Switch
E4	E1 With E2 & E3 Features

6

SPECIAL OPTIONS

SPECIAL OPTIONS (List As Needed)

F1	Lever Position Switch
F3	Thick Door (2-2 1/2)
F4	LED Lever Release Indicator
F5	Security Fasteners
F6	Piezo Sounder For Lever

7

FINISH

630	Satin Stainless Steel (Standard)
605	Bright Brass
606	Satin Brass
611	Bright Bronze
612	Satin Bronze
613	Oil Rubbed Bronze
625	Bright Chrome
626	Satin Chrome
629	Bright Stainless Steel

8

DOOR HANDING

LHR	Left Hand Reverse Door
RHR	Right Hand Reverse Door

Complete control trim & exit device packages.

Use For:
- *Maternity Wards*
- *Intensive Care Units*
- *Stairwell Towers, Fail-Safe Re-Entry Doors*
- *Dormitory Entrances*
- *Fire Exits*
- *Computer Rooms*
- *Other Applications*
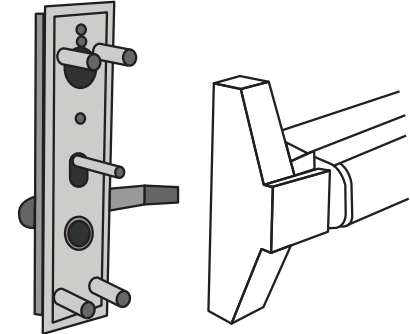
EDR-G20-D24-AI-630-(RHR or LHR)
Complete control trim package with rim exit device for 30" to 36" wide doors.
D24 Function; 24vDC release, single entry, fail-secure, key usage switch, latch position switch, request-to-exit

EDR-G20-D21-AI-630-(RHR or LHR)
Complete control trim package with rim exit device for 30" to 36" wide doors.
D21 Function; 24vDC release, single entry, fail-secure, request-to-exit

EDR-G20-R24-AI-630-(RHR or LHR)
Complete control trim package with rim exit device for 30" to 36" wide doors
R24 Function; 24vDC re-entry release, single entry, fail-safe, key usage switch, latch position switch, request-to-exit

EDR-G20-R21-AI-630-(RHR or LHR)
Complete control trim package with rim exit device for 30" to 36" wide doors.
R21 Function; 24vDC re-entry release, single entry, fail-safe, request-to-exit

FDR-G20-D24-AI-630-(RHR or LHR)
Complete fire-rated control trim package with rim exit device for 30" to 36" wide doors.
D24 Function; 24vDC release, single entry, fail-secure, key usage switch, latch position switch, request-to-exit

FDR-G20-D21-AI-630-(RHR or LHR)
Complete fire-rated control trim package with rim exit device for 30" to 36" wide doors.
D21 Function; 24vDC release, single entry, fail-secure, request-to-exit

FDR-G20-R24-AI-630-(RHR or LHR)
Complete fire-rated control trim package with rim exit device for 30" to 36" wide doors.
R24 Function; 24vDC re-entry release, single entry, fail-safe, key usage switch, latch position switch, request-to-exit

FDR-G20-R21-AI-630-(RHR or LHR)
Complete fire-rated control trim package with rim exit device for 30" to 36" wide doors.
R21 Function; 24vDC re-entry release, single entry, fail-safe, request-to-exit

SECURITECH
You Want, We Do

POWER SUPPLIES
Power Solutions for Access Control, Intercom, Remote Release & Alarms

Single Door, Two Door and Timed Release Power Supplies

Securitech offers a wide range of power supplies to meet door release needs and custom electric release requirements.

All power supplies include LED power light indicators on the cover.

Please note: Standard 24vDC release is provided by many access control system power supplies and may eliminate the need for a Securitech power supply.

Single Door Power Supplies

Access Control, Intercom (Dry Contact) or Remote Release

PS-D111	24vDC Release	Trim Function Begins With "D"
PS-A111	24vAC (30VA) Release	Trim Function Begins With "A"
PS-R111	Re-Entry DC Power	Trim Function Begins With "R"

Intercom Voltage (16vAC) Release (Wet Input) or Dry Contact

PS-A112	24vAC (30VA) Release	Trim Function Begins With "A"

Access Control For Double Sided Trim With Fail-Safe Exiting, Fail-Secure Entry
For locations requiring access control on both sides of the door; Becomes Fail-Safe with loss of power.

PS-D121	24vDC Release	Custom ELECTRA™ Model - Contact Factory

Electromagnetic Lock Power Supplies
Add the following designation to any power supply listed above to add power for Electromagnetic Lock

-E	24vDC Electromagnetic Lock Power	

Two Door Power Supplies

Access Control, Intercom (Dry Contact) or Remote Release

PS-D131	24vDC Release	Trim Function Begins With "D"
PS-A131	24vAC (30VA) Release	Trim Function Begins With "A"
PS-R131	Re-Entry DC Power	Trim Function Begins With "R"

Intercom Voltage Release (16vAC Wet Input or Dry Contact)

PS-A132	24vAC (30VA) Release	Trim Function Begins With "A"

Timed Release Power Supplies

Programmable Timer Keeps Doors Unlocked For Extended Periods
Programmable for nights, weekends and holidays
Common Applications: Employee Entrances, Schools, Laundry Rooms, Restrooms

PS-D141	24vDC Release	Trim Function Begins With "D"
PS-R141	24vDC Release	Trim Function Begins With "R"

POWER TRANSFERS

Door Cords

An inexpensive method of transferring up to 8 wires where aesthetics and vandalism are not great concerns. Features stainless steel armored cable. For use on hollow metal or aluminum doors.

DC1-18   18" Loop; Stainless Steel Cable
DC1-24   24" Loop; Stainless Steel Cable

Available in Aluminum (A) or Duronodic (D) finish

The wires are connected and covered under the cap

Panic Bar Retrofit Cords

An armored cable to be installed below the panic bar when adding a LEXI™ trim to an existing bar. Package includes wire, mounting clips for under bar and steel clips for mounting to the frame.

PTC-48   For doors up to 36"; Stainless Steel Cable
PTC-60   For doors up to 48"; Stainless Steel Cable

Cable provided to reach across door, create loop, and mount on frame

Electric Mini-Hinges

Geared continuous hinges are used on high-traffic doors. Geared mini-hinges may be added to existing doors when electrified trim is used. The entire hinge need not be replaced. The top 1-1/2" is removed and the mini-hinge installed in it's place. Mini-hinges are much friendlier to installers than full-length electrified hinges. A serviceman can check connections without removing the entire door when a mini-hinge is used.

ECHFM-R   Full Mortise; Matches Roton 780-112 (available with 4 or 6 wires)
ECHFM-Z   Full Mortise; Matches Zero 910 (available with 4 or 6 wires)
ECHFS-R   Full Surface; Matches Roton 780-157 (4 wires)
ECHFS-Z   Full Surface; Matches Zero 935 (4 wires)
ECHHS-R   Half Surface; Matches Roton 780-054 (4 wires)
ECHHS-Z   Half Surface; Matches Zero 920 (4 wires)

Available in Aluminum (AL) or Duronodic (DU) finish

Geared hinge manufacturers do not share common sizes. Please identify mfr. and model when ordering.

Electrified Hinges

The cleanest method of transferring power from the frame where the door is hung by hinges. Recommended for new construction or retrofit into frames without concrete. Available in 4, 6, 8 or 10 wire models. See price list for available sizes. Optional door position switch provides valuable information to access control system.

EH4040-626-4   4 wires, 4" tall, 4" wide; Satin Chrome Finish
EH4540-626-4   4 wires, 4.5" tall, 4" wide; Satin Chrome Finish
EH4545-626-4   4 wires, 4.5" tall, 4.5" wide; Satin Chrome Finish
EH5045-626-4   4 wires, 5" tall, 4.5" wide; Satin Chrome Finish
EH5050-626-4   4 wires, 5" tall, 5" wide; Satin Chrome Finish
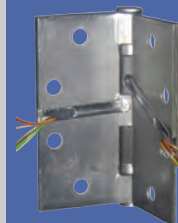
An electrified hinge must match the existing hinge. Determine the height. Determine the open width by measuring across the two leafs and knuckle when open.

TransX™

TransX™ connects multiple wires from the door to the frame in a concealed, protected manner. Trim wires run through the door into the TransX™ door module (the lower box). The wire passes from the frame module to the bottom side of the terminal strip. Access control technicians or electricians bring their low voltage wires through conduit into the TransX™ frame module and connect to the upper side of the terminal strip.

PTB-106-(hand)   6 Terminal Strips; Mounts On Pull Side Of Door, Designate LH or RH
PTB-110-(hand)   10 Terminal Strips; Mounts On Pull Side Of Door, Designate LH or RH

TransX is mounting on the pull side of the door. To designate handing stand on the interior side of the door, check if the hinges are on the right or the left.

RH   LH
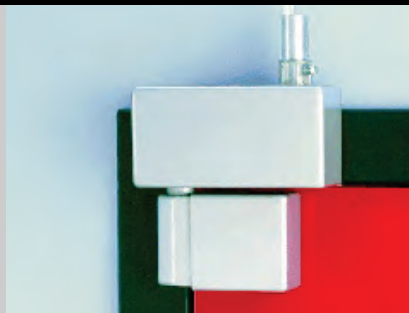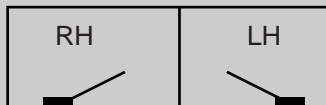
YAMAKA™

An innovative method for hollow metal, aluminum (YMK-20) or wood doors (YMK-21). The module (A.) mounts in the top of the door, with the spring loaded tips protruding above the door. As the door closes, the tips make contact with the transfer plate (B.) which is mounted to the frame. Tested for 1 million cycles. Not for Fail-Safe applications.

A.   B.

YMK-20   Mounts on top of door, flat plate onto header, for hollow metal or aluminum doors
YMK-21   Mounts in frame, flat plate on door, for wood doors

SECURITECH
You Want, We Do

RACHIE™
Entry & Exit Control Systems
CODE-COMPLIANT MANTRAPS & SALLY PORTS

Customized for:

- Psychiatric Hospitals
- Detention Facilities
- Laboratories
- Financial Institutions
- Government Facilities
- Retail Stores

Securitech Entry & Exit Control Systems provide:

- Basic Two Door Packages
- Custom Two, Three Or More Door Systems
- Fail-Secure & Fail-Safe Options
- Dual Security: Mechanical & Electromagnetic
- Custom Operating Scenarios

Special Entry & Exit Control Special Conditions:

- Emergency Key Override For Use By Staff
- Momentary Shunting To Move Groups Through The Sally Port or Mantrap
- Automatic Operators For Transporting Carts

How Does It Work?

Standard mantraps and sally ports provide a controlled passageway where only one door in the passageway can be opened at a time.

A mantrap or sally port may contain 2 or more doors.

A mantrap or sally port may be connected to an overhead door.

Securitech's basic two door Entry & Exit Control Systems expand on the basic mantrap or sally port system. By using dual-locking technology, Securitech can create systems which provide operational security and meet special operational and life-safety needs.

Securitech's Custom 2, 3, and 4 door Entry & Exit Control Systems start with a blank piece of paper; the end-user lists all of their requirements and Securitech creates the system which fulfills those needs.

ELEMENTS:

DESCRIPTIONS

Controller & Power Supply

- Power/Control in one unit
- Includes full wiring schematic inside cover
- Easy to read terminal strip labels

Door Release Console

- One button per door
- Door Status LED's

Lever Trim Units

- Slip-Clutch Lever
- Key Override
- Optional 24vDC Release
- Optional 2nd Cylinder

Electromagnetic Lock

- 1200 lb. Holding Force
- Slim Design
- Bond Sensor
- Door Status Switch

SECURITECH GROUP, INC.   54-60 46th St., Maspeth, NY 11378   800.622.LOCK   718.392.9000   fax 718.392.8944   www.securitech.com

z 2011 Securitech Group, Inc.   E6.0

TRIM IDENTIFICATION CHART

SECURED AREA

Ⓓ

INNER DOOR

Ⓒ

VESTIBULE

Ⓑ

OUTER DOOR

Ⓐ

EXTERIOR
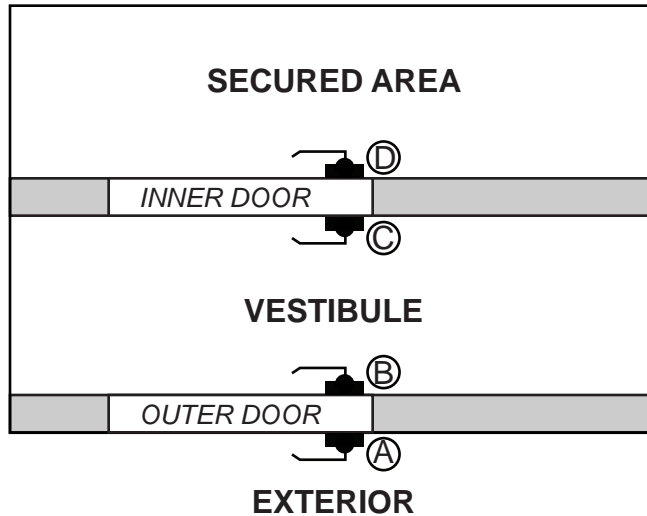
Securitech offers two types of out-of-the-box Interlocks, each with different operating scenarios, as described below.

RA-M100 series models include electrically and key released trim, mortise locks and electromagnetic locks. The key override is restricted by the interlock control.

RA-E100 series models include electrically and key released trim and mortise locks. The key overrides the interlock control at all times, so violations are possible.

The different systems in each series reflect the individual trim function at loss of power (fail-safe or fail-secure). RACHIE™ systems provide operational and life-safety compliance, in addition to the standard interlock.

FULL INTERLOCK SYSTEMS	
Controller # RA-M100	Description: 1. 2 door interlock controller 2. Card access, console or key release 3. Requires 110v hook-up 4. Fire-Alarm cut-off* 5. Used with RA-M101, 102, 103 or 104

INTERLOCK SYSTEM DESCRIPTIONS
With Electromagnetic Locks

Lever Trim Locking Status At Power Loss

System #:	A Outer Exterior	B Outer Vestibule	C Inner Vestibule	D Inner Secure Area
RA-M101	Secure	Safe	Secure	Secure
RA-M102	Secure	Safe	Secure	Safe
RA-M103	Secure	Safe	Safe	Safe
RA-M104	Safe	Safe	Safe	Safe

Interlock Type: *Electrically or key released trim.*
Release of trim (by card access, console or key) unlocks lever momentarily. Lever may be pulled downward and retract latch and release electromagnetic lock only when the door in the interlock is closed.

FAIL-SECURE *Locked at all times, including loss of power*
Card access, console or key can unlock, subject to mantrap control.
Key required to release lever at loss of power.

FAIL-SAFE *Normally locked, unlocks at loss of power.*
Card access, console or key can unlock, subject to mantrap control.
Free operation (Fail-Safe, Re Entry) at loss of power.

Note: Fire Alarm cut-off is same as "Loss of Power"

KEY OVERRIDE AT ALL TIME SYSTEMS	
Controller # RA-E100	Description: 1. 2 door interlock controller 2. Card access, console or key release 3. Requires 110v hook-up 4. Fire-Alarm cut-off* 5. Used with RA-E101, 102, 103 or 104

INTERLOCK SYSTEM DESCRIPTIONS
Electric Trim Only

Lever Trim Locking Status At Power Loss

System #:	A Outer Exterior	B Outer Vestibule	C Inner Vestibule	D Inner Secure Area
RA-E101	Secure	Safe	Secure	Secure
RA-E102	Secure	Safe	Secure	Safe
RA-E103	Secure	Safe	Safe	Safe
RA-E104	Safe	Safe	Safe	Safe

Interlock Type: *Electrically or key released trim.*
Release of trim (by card access, or console) unlocks lever momentarily. Pulling lever downward retracts latch of the other door in the interlock is closed.
Release of trim by key will violate mantrap and allow door to open at any time.

FAIL-SECURE *Locked at all times, including loss of power*
Card access or console can unlock, subject to mantrap control.
Key release lever at all times.

FAIL-SAFE *Normally locked, unlocks at loss of power.*
Card access or console can unlock, subject to mantrap control.
Key releases lever at all times.
Free operation (Fail-Safe, Re Entry) at loss of power.

Note: Fire Alarm cut-off is same as "Loss of Power"

SECURITECH

RACHIE™ Worksheet

54-60 46th Street, Maspeth NY 11378 l 800.622.LOCK l local: 718.392.9000 l fax: 718.392.8944 l www.securitech.com

CUSTOM CONFIGURATIONS

Use the grid as a tool to map out your custom Entry & Exit Control System. List your system requirements in the "note" box. Be as specific as possible. For assistance please contact the factory.
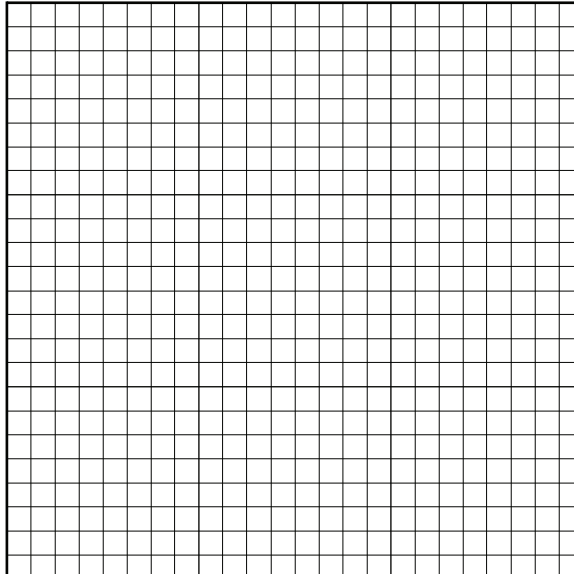
OPERATING SCENARIO

When door "A" is open door "B"...

When power is lost...

TRIM IDENTIFICATION CHART

SECURED AREA

INNER DOOR

VESTIBULE

OUTER DOOR

EXTERIOR
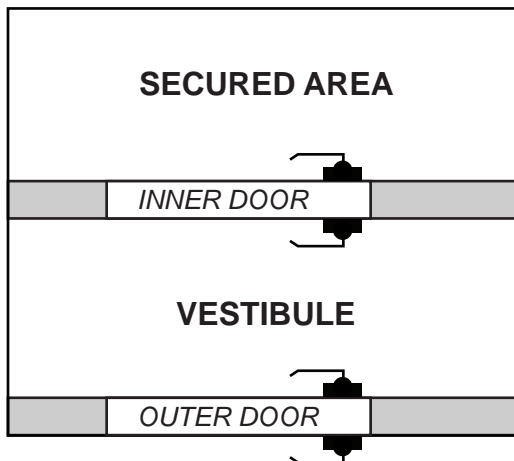
RACHIE Custom Entry & Exit Control Systems are designed to provide fail-safe and fail-secure protection, as determined by the specific user and respect of local building codes.

RACHIE functions through use of two integrated locking technologies; mechanical latching and electromagnetic locking.

Contact_____Title_____

Business Name_____

Phone_____Fax_____

Address_____

City_____Zip_____

Email_____

ARTE™

ADVANCED REQUEST-TO-EXIT

Lever Controlled Request-To-Exit Switch

Code-Compliant Release Of Electromagnetic Locks

Eliminates the need for push-button, IR sensors & other magnetic releases

Works With Access Control Systems & Electromagnetic Locks

Internal Lever Activated Switch

Switch Interrupts Power To Electromagnetic Lock

Signal Switch Sends R-T-E Signal To Access Control Or Alarm System

Wide Variety Of Models, Including Mortise & Cylindrical Latches

Internal Lever Movement Restrictors Reduce Wear & Tear On Locks

Lever Designed for ADA Compliance

UL Rated Switches

Rigid Non-Switch Trim Available For Exterior Pull (Non-Latch Lock Models)
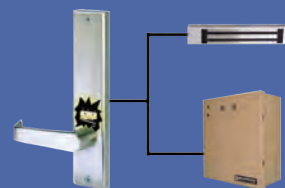
How Does It Work?

Moving the interior lever activates a switch or switches. This can release an electromagnetic lock, send a signal to an access control or alarm system or do both functions. In addition, the mortise and cylindrical latch models provide positive mechanical latching to keep the door in place and meet fire code requirements. Exterior trim does not contain a cylinder or electric release.

1 SERIES

STL	Lever Trim Only; No Lock Control
STA	Lever Trim With "A" Series Mortise Lock
STP	STA With Door Position Sensor
STC	Lever Trim With Cylindrical Latch set
STX	Lever Trim With Mortise Lock By Others**
_M_	Change "T" To "M" For Maglock Control Models

ENTER MODEL CODE
EXAMPLE: STL-G10-S-E1-630-LHR

_____-_____-_____-_____-_____-_____-_____-_____
1   2   3   4*   5*   6*   7   8

*Fields 4, 5 & 6 are optional.
**Must be compatible, Contact Factory

ARTE APPLICATIONS

Medical Facilities - Secured Ward
Universities - Dorm Entrance

ARTE POPULAR MODELS

STL-G10-SJN-EO

Single Trim with Jack-Nuts; No lock control
Replaces the need for P-I-R signal

STA-G10-PTB-EO

Pair of trims with Thru-Bolts; "A" series mortise lock
Single motion latching; "No Special Knowledge"

2 TRIM

G1	GG Style Trim; Non Slip-Clutch Model

LEVER

0	Standard With Return
2	Tapered
3	Tubular With Return
4	Tapered With Return

3 TRIM SIDES

S	Single Trim
P	Pair; Exterior Lever Does Not Have Switches

4 MOUNT OPTIONS

OPTIONAL (Single Trim Models Only)

JN	Jack-Nuts
TB	Thru-Bolt

5 OPTIONAL MAGLOCK

OPTIONAL (For Maglock Control Only)

E0	Maglock By Others
E1	1,200 lb. Holding Force Electromagnetic Lock
E2	E1 With Bond Sensor
E3	E1 With Door Status Switch
E4	E1 With E2 & E3 Features

6 SPECIAL FUNCTIONS

SPECIAL FUNCTIONS ARE OPTIONAL (List As Needed)

F1	Lever Position Switch
F3	Thick Door (2-2 1/2)
F5	Security Fasteners
F7	Exterior Lever Activated Switch

7 FINISH

630	Satin Stainless Steel
605	Bright Brass
606	Satin Brass
611	Bright Bronze
612	Satin Bronze
625	Bright Chrome
626	Satin Chrome
629	Bright Stainless Steel

8 DOOR HANDING

LHR	Left Hand Reverse Door
RHR	Right Hand Reverse Door
LH	Left Hand
RH	Right Hand

SECURITECH
You Want, We Do

MECHANICAL LOCKING
Forced Entry Solutions For Concealing Cylinders, Multi-Point Locks & Exit Doors

SECURIGUARD™

MP POLICE LOCK™

SERPENT™

MULTI-BOLT

AUTO-BOLT
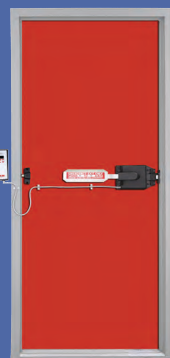
SECURIGUARD™ **MP POLICE LOCK™** **SERPENT™** **MULTI-BOLT** **AUTO-BOLT**

Securitech offers mechanical locking systems for both retrofit and new construction applications.

Our mechanical locks are the result of providing carefully developed solutions for numerous custom applications.

Innovative methods of protecting against break-ins, vandalism and sabotage.

From surface mounted to internal locks, Securitech can meet existing and emerging security needs.

SECURITECH GROUP, INC.   **54-60 46th St., Maspeth, NY 11378**   **800.622.LOCK**   **718.392.9000**   **fax 718.392.8944**   **www.securitech.com**

2-1111   z **2011 Securitech Group, Inc.**

Forced Entry Solutions

Cylinder Protection

SECURIGUARD™	6300	6302	6305
6000 Series **For Storefront Doors** Protects against cylinder vandalism Simple access control for limiting authorized key usage. Available models designed to fit over removable core or standard cylinders.	Use over standard or high-security cylinders. Furnished with 2 keys.	For use with "Schlage" deadbolts. Includes modified filler plate & collar.	Combination of 6300 & BAP*. For use with "Best" or other raised face removable core cylinders. *Best Adapter Plate

Multi-Point Locking Systems

MP POLICE LOCK™	4840	4822	4820
4800 Series **For Doors Requiring Maximum Protection Against Break-Ins** Bolts the door to the frame at up to 4 independent locations.	4-Point Lock. (2 Vertical, 2 Horizontal)	2-Point Lock. (2 Vertical)	2-Point Lock. (2 Horizontal)

SERPENT™	SEL-100	SEL-200	SEL-GK2
SEL Series **Exit Locking System Which Deadbolts Both Sides Of The Door** 2-Point Deadbolt Locking (not a latch) Exterior Stainless Steel Anti-Pry Plate	Manual Locking **SEL-110:** Includes Battery Alarm **SEL-120:** Includes Direct Power Alarm	Self-Relocking **SEL-210:** Includes Battery Alarm **SEL-220:** Includes Direct Power Alarm	Glass Door Kit **Designed For Aluminum Doors 34" or 36" Wide**

MULTI-BOLT™	Toughbar	Lever	Key Only
7000 Series **Full Function Mortise Lock & Exit Device With Multi-Point Locking** Vertical bolts concealed within the door. One action locks or unlocks all the deadbolts simultaneously.	**Heavy duty touchbar prevents vandalism.**	**GG style lever trim can be used in place of touch bar.**	**Cylinder only option replaces touch bar or lever trim.**

Multi-Bolt Interior Options

AUTO-BOLT™	44	45	46
8000 Series **Instant Deadbolt Protection Each Time The Door Closes** Choose from single, 2, 3 or 4 point locking models. Trigger activated locking	**Storeroom Lever** Rotating the key unlocks the lever temporarily. Removing the key relocks the lever.	**Classroom Lever** Rotating key clockwise unlocks the lever until key is rotated counter clockwise.	**Storeroom With Electric Release** Storeroom lever with access control. Uses a 24vDC electric release.

TRIM FUNCTIONS
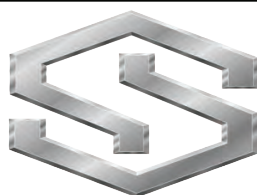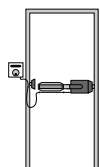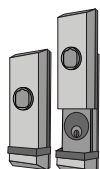
TABLE OF CONTENTS

SECURITECH

You Want, We Do

SECURIGUARD™

Concealed Cylinder Resists Vandalism, Bumping & Unauthorized Key Use

Designed To Fit Over Removable Core or Standard Cylinders

Bump Key

What is "Bumping"?

Burglars take a regular key and mill it down, creating a "Bump Key". It is inserted into the lock and with a tap of a hammer on the "Bump Key" the lock opens. It's so easy an eight-year-old can do it!

The technique has been around for over 20 years and is spreading like wildfire thanks to the internet.

SECURIGUARD™ Protects Against

- **Bumping**
- **Unauthorized Key Use**
- **Vandalism**
  - **Picking**
  - **Wrenching**
  - **Krazy Glue**

SECURIGUARD™ Offers

- **Bump Key Protection**
- **Simple Access Control**
- **100% Cylinder Concealment**
- **Prevention Of Cylinder Icing**
- **Easy Installation**
- **Special Magnetic Keys That Cannot Be Duplicated**
- **Ease Of Use**
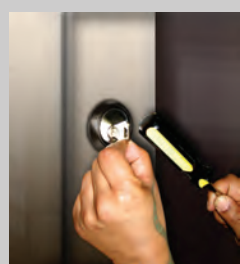
PROBLEM
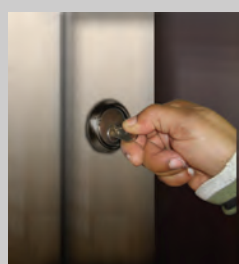
SOLUTION

MODEL #6300

Size
Height: 5 3/4"
Width: 2"
Depth: 1 3/8"
Finish: Clear Aluminum
Furnished with 2 Magnetic Keys

SECURIGUARD™ Stops Krazy Glue & Bump Keys

Securiguard™ has a sliding shield that covers the cylinder. Prevents vandalism by Krazy Glue and "Bump Keys" cannot be used.

The shield is raised and lowered via a special magnetic key.

When the shield is up, the key can be used. When the shield is down, the cylinder is 100% concealed.
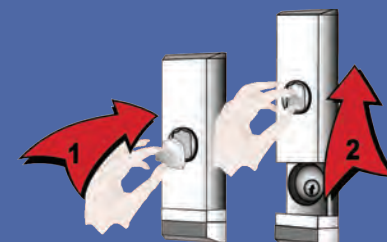
SECURIGUARD™ Key Info

There are millions of Securiguard™ key combinations. Additional keys can be ordered and Securiguard™ can be ordered to work with the same magnetic key. Regular magnets cannot open the Securiguard™.

MODELS

6300	Use Over Standard Or High-Security Cylinders. Furnished With 2 Magnetic Keys.	
6302	For Use With "Schlage" Deadbolts. Includes Modified Filler Plate & Collar.	
6305	Combination Of 6300 & BAP. For Use With "Best" Or Other Raised Face Removable Core Cylinders.	
6310	Identical To 6300, Furnished With 3 Magnetic Keys Per Securiguard	
6315	Identical To 6305, Furnished With 3 Magnetic Keys Per Securiguard	
63PP	Securiguard Is Mounted On A Stainless Steel Pull Plate For Use With Exit Device. Contact Factory With Specific Exit Device Name & Model Number For Custom Model.	
63MP	Securiguard Is Mounted On A Stainless Steel Plate For Use With Exit Device Or Other Lock. Contact Factory With Specific Exit Device Name & Model Number For Custom Model.	
64	Change "63" To "64" For A Securigaurd With Removable Bay	

PARTS & OPTIONS

63BAP	Adapter Plate (Spacer) For Use With Raised Face I/C Cylinders	
63KEY	Additional Key	
63BAY	Replacement Locking Bay With 2 Keys	

FINISH

AL	Aluminum	
JB	Jet Black	

APPLICATIONS:

Areas where cylinders are prone to vandalism
Areas where cylinders are prone to weather issues
Doors where dual verification for entry is needed
Doors needing restricted access

POPULAR MODELS:

6300-AL	Standard unit with two keys; aluminum
6300-JB	Standard unit with two keys; jet black
6305-AL	Standard unit with adapter plate for use with "Best" or other raised face removable core cylinders; aluminum
6305-JB	Standard unit with adapter plate for use with "Best" or other raised face removable core cylinders; jet black

OPERATION:

The SECURIGUARD™ shield is raised by the magnetic key. The lock key may then be inserted and used.

The shield will remain open until lowered by use of the magnetic key.
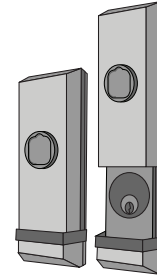
KEY LOCK-OUT FUNCTION:

This function is used to lock-out keys and restrict access to the cylinder, in addition to cylinder protection.

Typically, a manager will raise the shield at the start of the day. Regular keys can then be used to operate the lock. At the end of the day, the manager uses the magnetic key to lower the shield.

KEY COMBINATIONS:

SECURIGUARD™ is available keyed different or keyed alike to a new or existing combination.

AVAILABLE FINISHES:

JB = Jet Black Finish.

AL = Aluminum Finish (clear).

ADDITIONAL KEYS:

SECURIGUARD™ keys can be ordered from the factory to match code numbers.

Keys are stamped with code numbers. Codes may be registered to prevent ordering by unauthorized individuals.

NOTE: SPECIAL CYLINDER CAPS:

Some cylinders use special caps over the face of the cylinder for different finishes. Certain caps add too much to the diameter of the cylinder and need to be removed prior to insertion in the Securiguard. This does not affect the cylinder operation.

SECURITECH

You Want, We Do

MP POLICE LOCK™

Surface Applied Multi-Point Locking Systems

Maximum Protection Against Break-Ins
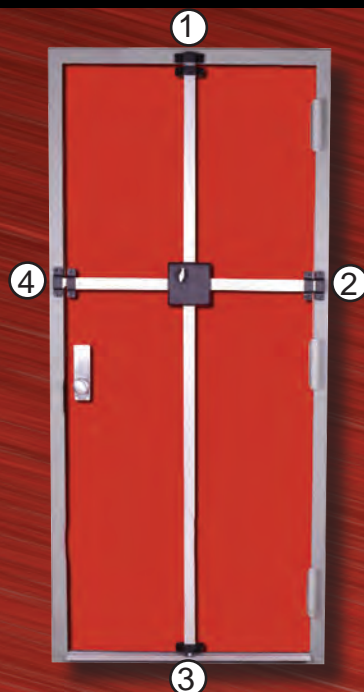
- **Bolts the door to the frame at up to 4 independent locations**

- **Easy operation: One turn of the key or interior knob projects or retracts all of the bolts simultaneously**

- **Easy installation on any solid door**

- **4" laminated steel bolts on inswing models project into steel strike brackets mounted on the frame**

- **5" long, 5/8 diameter stainless steel deadbolts on outswing doors bolt into the frame**

- **Dustproof strike provided for rounded lower bolt on all 5-point models**

Benefits of Multi-Point Locking

The typical break-in occurs when a burglar tries to pry the door from the frame at the lock area. Multi-point locking defeats this method by protecting the door like a bank vault. Use this retrofit or new construction solution on stock rooms, computer rooms, safe rooms, utility closets, firearms storage rooms, remote buildings and other non emergency doors.

Bolt Type
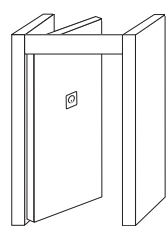
Inswing Doors; Square Deadbolts (A)

Square laminated deadbolts project into strike brackets mounted on the frame.
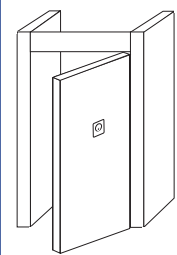
Outswing Doors; Round Deadbolts (B)

Rounded deadbolts project into holes drilled into the frame.

Interior Options

Thumbturn (TT)

Standard diamond-shaped turnpiece

Elongated Turnpiece (LT)

Easier-to-grasp longer turnpiece

Keyed Cylinder (CO)

Interior keyed operation

Exterior Options & Guard plate

| HARDGUARD (HG) | BESTGUARD (BG) | SECURIGUARD (SG) | DUST GUARD (DG) | SECURIGUARD Removable Bay (SR) | Thumb Guard (TG) |

1

LOCKING POINTS

4840	4-Point (2 Vertical, 2 Horizontal)
4822	2-Point (2 Vertical)
4820	2-Point (2 Horizontal)

BOLT TYPE

A	Inswing Doors; Square Deadbolts
B	Outswing Doors; Round Deadbolts

2

INTERIOR OPERATOR

TT	Thumbturn
LT	Elongated Thumbturn
CO	Keyed Cylinder (Cylinder Included)

EXTERIOR OPERATOR

XX	No Exterior Operation
HG	Hardguard
BG	Bestguard (Small Format IC core)
SG	Securiguard
DG	Dust Guard
SR	Securiguard With Removable Bay
TG	Thumb Guard

3

SIZE

27	For Doors Up To 24" Wide & 84" Tall
28	For Doors Up To 24" Wide & 96" Tall
37	For Doors Up To 36" Wide & 84" Tall
38	For Doors Up To 36" Wide & 96" Tall
47	For Doors Up To 48" Wide & 84" Tall
48	For Doors Up To 48" Wide & 96" Tall

CUSTOM PARTS & ACCESSORIES

MPK-EK6	6" Extension Rods
MPK-EK12	12" Extension Rods
MPK-EK24	24" Extension Rods
MPK-SP8	Set Of 4 Thick & Thin Shims
MPK-SB	Strike Bracket
MPK-TD	Thick Door Kit
MPK-IN	Door Status Indicator
MPK-MS	Bolt Monitor Switch (Unavailable on 4840)
MPK-TB2	Set Of 2 Thru-Bolted Anti-Pry Plates
MPK-TB3	Set Of 3 Thru-Bolted Anti-Pry Plates
MPK-TB4	Set Of 4 Thru-Bolted Anti-Pry Plates
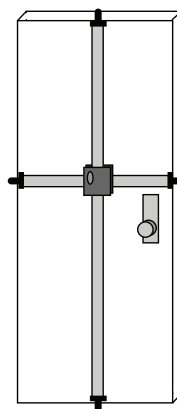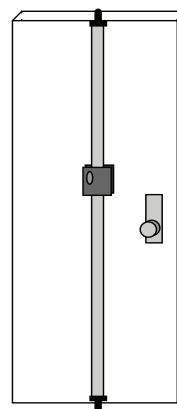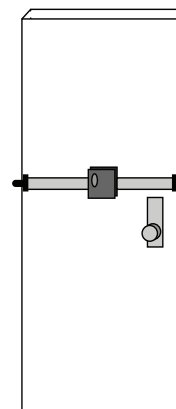
4840   **4822**   **4820**

ENTER MODEL CODE
EXAMPLE: 4840A-TTHG-37

_____-_____-_____
 1   **2**   **3**

Please note that some of the fields are optional and you may not use them all.
Contact factory for more options.

Maximum Protection Against Break-Ins

Inventory Rooms
Computer Rooms
Remote Buildings (e.g. Cell Towers, Park & Recreation Equipment Sheds)
Non Emergency Perimeter Doors
Safe Rooms
Utility Closets
Firearm Storage Rooms
Dangerous Chemical Storage Rooms

4840B-TTHG-37
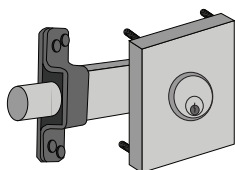
4-Point auxiliary lock for outswinging (round deadbolts) doors up to 36" wide & 84" tall with a thumbturn and Hardguard.

4840A-TTHG-37
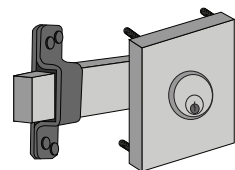
4-Point auxiliary lock for inswinging (square deadbolts) doors up to 36" wide & 84" tall with a thumbturn and Hardguard.

4840B-TTBG-37
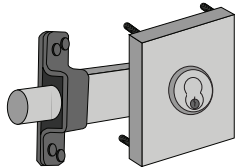
4-Point auxiliary lock for outswinging (round deadbolts) doors up to 36" wide & 84" tall with a thumbturn and Bestguard.

4840A-TTBG-37
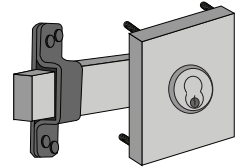
4-Point auxiliary lock for inswinging (square deadbolts) doors up to 36" wide & 84" tall with a thumbturn and Bestguard.

SECURITECH

You Want, We Do
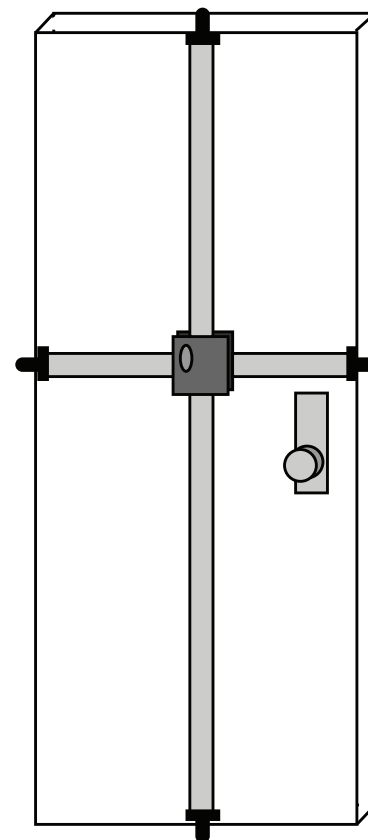
SERPENT™

The Exit Locking System Which Deadbolts Both Sides Of The Door

Code-Compliant Single-Motion Exiting
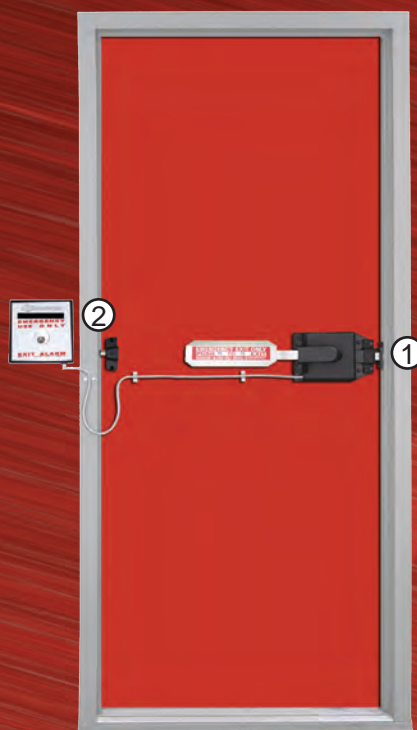
- **2-Point Deadbolt Locking**
  Not a latch

- **Oversize Stainless Steel Deadbolt**
  1" Throw

- **Easy Installation**
  Full-size steel marking template

- **Exterior Stainless Steel Anti-Pry Plate**
  Protection against attack

- **Thru-Bolt Installation**
  Added resistance to prying

- **Wall-Mounted Alarm Option**
  Protected against weather & delivery carts

- **Full Range of Alarm & Entry Options**
  Battery, Direct Power, Signal Output, Keyed Entry, Access Control

Glass Door Kit (SEL-GK2)

Mounting kit for storefront glass doors, Designed for aluminum doors 34" or 36" wide. Plate mounts across the narrow stile aluminum door and is thru-bolted to allow installation.

Double Door Kit (SEL-IAL)

**For double door protection, upgrade to a SEL-IAL. The SEL-IAL locks the inactive leaf of a double door configuration. It combines a key activated 2-point vertical bolt lock and double door strike kit (SEL-DDA)**

ELEMENTS

DESCRIPTIONS

A10	A20	SSO	CT	PT1	MTT	KLT
Keyed battery alarm with 9 Volt battery, twin piezo sirens & low battery alert.	Combines SEL-A10 and hardwired direct power supply	Signal switch only. Provides dry contact for use by others.	Digital Counter; add designation after model number. Alarm models only.	Direct power plug-in transformer upgrade kit for use with A10	Cylinder & Thumbturn for use with SEL-100 models. Not used with SEL-GK2.	Cylinder & Lever for use with SEL-200 models. Not used with SEL-GK2.

MODELS		
	SEL-100	Manual Locking; Without Alarm
	SEL-110	Manual Locking; Includes SEL-A10 Battery Alarm
	SEL-120	Manual Locking; Includes SEL-A20 Direct Power Alarm
	SEL-200	Self-Relocking; Without Alarm
	SEL-210	Self-Relocking; Includes SEL-A10 Battery Alarm
	SEL-220	Self-Relocking; Includes SEL-A20 Direct Power Alarm

PARTS & OPTIONS		
	SEL-GK2	Glass Door Kit; For Aluminum Doors 34" Or 36" Wide
	SEL-IAL	Key-Activated 2-Point Vertical Bolt Lock For Inactive Leaf & Double Door Strike Kit
	SEL-DDA	Double Door Strike For Doors Not Using SEL-IAL
	SEL-A10	Keyed Battery Alarm With 9 Volt Battery
	SEL-A20	Hardwired Direct Power Alarm
	SEL-SSO	Signal Switch Only With Cable
	SEL-AM1	Battery Alarm; Armored Cable; Integral Key Switch; Door Monitor Switch
	SEL-AM2	Direct Power Alarm; Armored Cable; Integral Key Switch; Door Monitor Switch
	SEL-PS2	Direct Power Supply For Use With A20
	SEL-PT1	Direct Power Plug-In
	SEL-MTT	Cylinder & Thumbturn; For Both Series
	SEL-MDT	Cylinder & Thumbturn; For Both Series; Electric, 24vDC Required
	SEL-KLT	Mechanical Lever Trim; For SEL-200 Models (Specify handing)
	SEL-KDT	Electric Lever Trim; For SEL-200 Models; Electric, 24vDC Required (specify handing)
	-CT	Digital Counter (add designation after model number) Alarm models only.
	-CW	Concealed Wire From Switch Into Door (8' Leads)

Deadbolt Protection Against Break-Ins
Solid deadbolt assembly

Protection Against Hinge-Side Attack
Deadbolt provided to resist hinge-removal break-in

Superior Anti-Pry Installation
Thru-bolting & anti-pry plate are standard

Customizable To Meet Security & Operational Needs
Wide range of available alarms & options

Use On Steel, Wood Or Aluminum Doors
Special kit for mounting on glass doors

Easy Installation Without Special Kits
Lock fits all width doors with no special kits needed

Alarms Resist Damage By Moving Carts, Etc.
Wall-mounted alarms ideal for high delivery areas
Keeps sound inside where needed

Battery Alarms May Be Added Or Upgraded As Needed
Direct power upgrade kit available

Modular Configurations
Choose exterior option which meets your needs
(may not be available for glass doors)

Rugged Design, Ideal For Back-Of-House Doors
Stamped steel, not die cast, lock housing

APPLICATIONS:
Emergency Exit Doors
Receiving Doors
Emergency Exit Glass Doors (SEL-GK2 kit)
Doors Leading To Fire Corridors

POPULAR MODELS & KITS:

SEL-100	Manual locking model; no alarm
SEL-110	Manual locking model; with battery alarm (SEL-A10)
SEL-200	Self-relocking model; no alarm
SEL-210	Self-relocking model; with battery alarm (SEL-A10)
SEL-GK2	Glass door kit; for aluminum doors 34" or 36" wide

SECURITECH
You Want, We Do

MULTI-BOLT™

Multiple-Point Locksets

Full Function Multi-Point Locking Mortise Lock & Exit Device

Latch lock by day, multi-point protection at night

Aesthetically pleasing with the vertical bolts concealed within the door

Superior protection against break-ins in a single device

5" long, 5/8" diameter stainless steel vertical deadbolts with 1" projection

One action locks or unlocks all the deadbolts simultaneously

Meets ADA and local code requirements for single motion exiting

Lock body fits into standard ANSI mortise lock preparation

Accepts 1 1/4" length mortise cylinder (standard and high-security)

Wide variety of standard and custom functions to meet specific locking requirements

Exterior lever contains vandal-resistant slip clutch

How Does It Work?
Multi-point mortise locks provide safety & security in one lockset. The traditional lock operation (key thumb turn or lever retraction) operates all the deadbolts simultaneously. The wide variety of available functions meet almost any need.

* Door not to scale

Securitech's TOUGHBAR™

Stainless Steel Device - *Heavy gauge touch bar*

Integrated, Retractable Ends - *No protrusions when device is used*

Full-Length Actuator Bar - *Rugged anti-vandalism design*

Downward Movement - *Designed for switch activation*

Interior Trim Options

Pullhandle with Cylinder

Lever with Turnpiece

Turnpiece Only

Cylinder Only

Exterior Trim Options

Pullhandle with Cylinder

Lever with Cylinder

24vDC Electric Release Control Trim

Cylinder Only

HOVE Module

HOVE module deadbolt projects horizontally into the frame, not the floor. Prevents deadbolt jamming due to dirt and debris at the floor strike.

Stationary Bullet Bolt

Steel stationary bolt adds fourth point to the hinge side of the door.

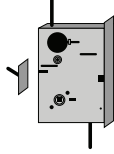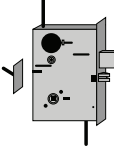As the door closes the bolt engages with the frame. It is not connected to the lock body.
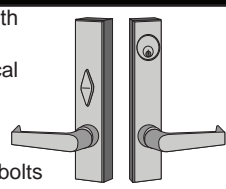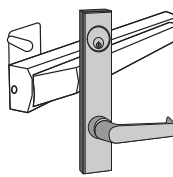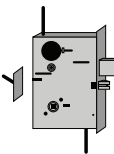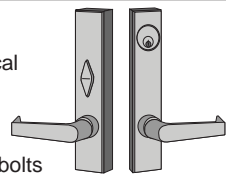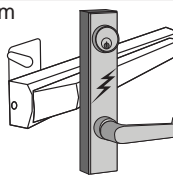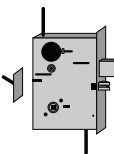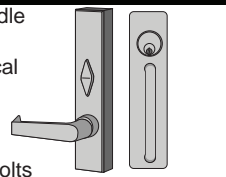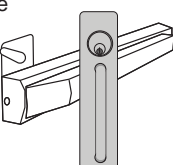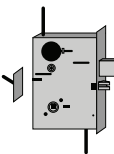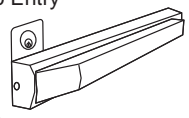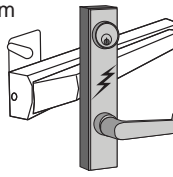
SECURITECH

Single-Motion Retraction Of All Bolts & Latches By Lever Or Panic Bar

Safe Rooms
Utility Closets
Dangerous Chemical Storage Rooms

7XX2 - F18

7XX	Interior Blank; Exterior Blank
2	2-Point Vertical Bolts Only
F18	Cylinder on interior Side Throws/ Retracts Deadbolts
Also	F17: Turnpiece & Cylinder
Available	F16: Cylinder on both sides

2-POINT

7PX2 - F18

7PX	Interior Pull Handle; Exterior Blank
2	2-Point Vertical Bolts Only
F18	Cylinder on interior Pullhandle Throws Deadbolts
Also	F17: Turnpiece & Cylinder
Available	F16: Cylinder on both sides

7LL4-F13

7LL	Interior Lever; Exterior Lever With Cylinder
4	4-Point Latch, Deadbolt & Vertical Deadbolts
F13	Entrance Function
	Interior Turnpiece Throws Deadbolts

4-POINT

7TL4HL-03-E29-IT

7TL	Interior Toughbar; Exterior Lever
4	4-Point Latch, Deadbolt & Vertical Deadbolts
HL	Lower HOVE Module
03	Key Retracts/Projects Latch & Bolts
E29	Request-To-Exit; Bolt Position Switch
IT	Interior Turnpiece Throws Deadbolts

7LL4-F07M

7LL	Interior Lever; Exterior Lever Is Rigid With Cylinder
4	4-Point Latch, Deadbolt & Vertical Deadbolts
F07M	Storeroom Function
	Interior Turnpiece Throws Deadbolts

4-POINT

7TC4HL-09-E29-IT*

7TC	Interior Toughbar; Exterior Control Trim
4	4-Point Latch, Deadbolt & Vertical Deadbolts
HL	Lower HOVE Module
09	Key Momentarily Unlocks Lever
E29	Request-To-Exit; Bolt Position Switch
IT	Interior Turnpiece Throws Deadbolts

7LP4-F07M

7LP	Interior Lever; Exterior Pull Handle With Cylinder
4	4-Point Latch, Deadbolt & Vertical Deadbolts
F07M	Storeroom Function
	Interior Turnpiece throws deadbolts

4-POINT

7TP4HL-03-E29-IT

7TP	Interior Toughbar; Exterior Pull Handle
4	4-Point Latch, Deadbolt & Vertical Deadbolts
HL	Lower HOVE Module
03	Key Retracts Latch
E29	Request-To-Exit; Bolt Position Switch
IT	Interior Turnpiece Throws Deadbolts

7TX4HL-01-E29-IC

7TX	Interior Toughbar; Exterior None, No Entry
4	4-Point Latch, Deadbolt & Vertical Deadbolts
HL	Lower HOVE Module
01	Exit Only
E29	Request-To-Exit; Bolt Positon Switch
IC	Interior Cylinder Throws Deadbolts

4-POINT

7TC4HL-08-E29-IT*

7TC	Interior Toughbar; Exterior Control Trim
4	4-Point Latch, Deadbolt & Vertical Deadbolts
HL	Lower HOVE Module
08	Keyed Classroom Function
E29	Request-To-Exit; Bolt Position Switch
IT	Interior Turnpiece Throws Deadbolts

*Deadbolts cannot be thrown from the exterior side of the door on 7TC models.

Contact factory for additional models.

AUTO-BOLT™
Safety & Security Combined In One Lock

Instant Deadbolt Protection Each Time The Door Closes

Choose from single-point or 4-point models

Trigger activated automatic deadbolt locking

Heavy Duty Stainless Steel Deadbolts project one full inch in each direction

Optional multi-point feature bolts the door to the frame at up to 4 independent locations

Interior lever or UL listed panic bar

Can be rated for use on fire-rated doors up to 4' wide and 8' tall

Easy exiting: Interior lever or panic bar retracts all bolts simultaneously

Easy installation on hollow metal doors

Wide variety of exterior trim functions, including key-released lever trim, electric release and keyed pull handles

5" long, 5/8" diameter steel vertical deadbolts with a 1" throw

Dustproof strike provided for rounded lower bolt on multi-point models

How Does It Work?
Auto-Bolt locksets are trigger activated. When the trigger hits the strike, up to three stainless steel deadbolts project into the frame. Life-safety is provided for, as a single motion retracts all the deadbolts for easy exiting.

Securitech's TOUGHBAR™

Stainless Steel Device - *Heavy gauge touchbar*

Integrated, Retractable Ends - *No protrusions when device is used*

Full-Length Actuator Bar - *Rugged anti-vandalism design*

Downward Movement - *Designed for switch activation*

Storeroom Function Lever (44)

Rotating the key unlocks the lever temporarily. Removing the key relocks the lever.

Storeroom Function with Electric Release (46)

Same as Storeroom Function Lever with access control ability. Uses a 24vDC electric release.
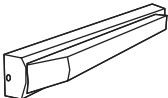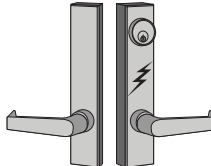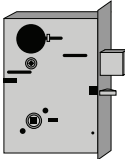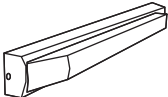
Classroom Function Lever (45)
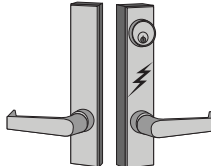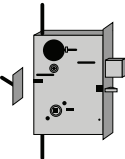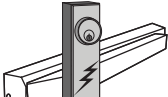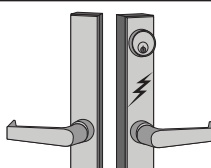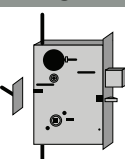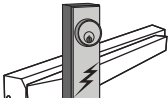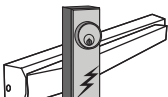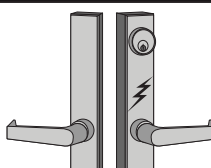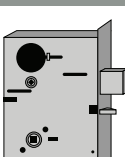
Rotating the key clockwise unlocks the lever until the key is reinserted and rotated counter clockwise.

Automatic Deadbolt Protection Every Time The Door Closes

Emergency Exit Doors
Storage Rooms
Counting Rooms
Utility Rooms
Security Closets
Safe Rooms

81T11-XX-630 — 1-POINT

81	Single Point (main deadbolt)
T	Toughbar™
11	Exit Only
X	No Trim
630	Satin Stainless Steel Finish

81L44-G1-CVR-630

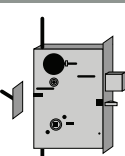|	
81	Single Point (main deadbolt)
L	Lever
44	Storeroom Lever Trim
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

84T11-XX-HVL-630 — 4-POINT

84	4-Point (main, top, bottom & fixed bolts)
T	Toughbar™
11	Exit Only
X	No Trim
HVL	Concealed Vertical Rod - Lower Bolt Horizontal Module
630	Satin Stainless Steel Finish

84L44-G1-CVR-630

84	4-Point (main, top, bottom & fixed bolts)
L	Lever
44	Storeroom Lever Trim
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

84T44-G1-CVR-630 — 4-POINT

84	4-Point (main, top, bottom & fixed bolts)
T	Toughbar™
44	Storeroom Lever Trim
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

84L45-G1-CVR-630

84	4-Point (main, top, bottom & fixed bolts)
L	Lever
45	Classroom Lever Trim
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

84T45-G1-CVR-630 — 4-POINT

84	4-Point (main, top, bottom & fixed bolts)
T	Toughbar™
45	Classroom Lever Trim
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

84L46-G1-CVR-630

84	4-Point (main, top, bottom & fixed bolts)
L	Lever
46	Storeroom Lever Trim; DC Electric Release
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

81T46-G1-CVR-630 — 1-POINT

81	Single Point (main deadbolt)
T	Toughbar™
46	Storeroom Lever Trim; DC Electric Release
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

81L46-G1-CVR-630

81	Single Point (main deadbolt)
L	Lever
46	Storeroom Lever Trim; DC Electric Release
G1	GG Style Trim; Standard Lever With Return
CVR	Concealed Vertical Rod
630	Satin Stainless Steel Finish

Contact factory for additional models.